



# **PROSPECTUS** *2025*



This prospectus contains basic information about the undergraduate, masters, and PhD programmes, life at the University, learning resources and advice to local and international students who wish to join the University in Fall 2025. It also shows the fee structure, funding modes (financial assistance), procedure for applying for admission and criteria for entry. Information about the constituent institutions, teaching faculties along with their expertise, and courses offered is also given. Brief descriptions of degree programmes and curricula details are listed with course titles, codes and credit hours.







### **Disclaimer**

The information in this prospectus is correct at the time of its publication. Whilst every effort is made to ensure accuracy of information, the University does not accept liability for any inaccuracy or change outside reasonable control of the University. It is issued for general guidance of public and candidates wishing to enter the University in Fall 2025 and does not form part of any contract. The University intends to provide the courses and facilities described in the prospectus, but reserves the right to withdraw or make alterations to these courses or facilities if found necessary, without any prior notice. Likewise, fees for the programmes starting in 2025 are provisional and subject to change.



Ranked **353**

QS World University  
Ranking 2025

## QS world university rankings

Ranked  
**67** among  
**QS Asian Universities**  
Ranking 2024  
#1 in Pakistan

Ranked  
**301-350** Worldwide  
**Physics and Astronomy**  
QS Subject Rankings 2024  
#3 in Pakistan

Ranked  
**151-200**  
**Civil and Structural Engineering**  
QS Subject Ranking 2024  
#1 in Pakistan

Ranked  
**174** **Computer Science**  
QS Subject Ranking 2024  
#1 in Pakistan

Ranked  
**251-300**  
**Chemical Engineering**  
QS Subject Ranking 2024  
#1 in Pakistan

Ranked  
**201-250**  
**Mechanical & Aeronautical  
Manufacturing Engineering**  
QS Subject Ranking 2024  
#1 in Pakistan

Ranked  
**201-250** **Mathematics**  
QS Subject Ranking 2024  
#1 in Pakistan

Ranked **144** worldwide  
**Engineering & Technology**  
QS Subject Ranking 2024  
#1 in Pakistan

Ranked  
**151-200** **Electrical &  
Electronics Engineering**  
QS Subject Ranking 2024  
#1 in Pakistan

Ranked **301-350**  
**Worldwide  
Business & Management**  
QS Subject Rankings 2024  
#2 in Pakistan

Ranked **251-300**  
**Material Science**  
QS Subject Ranking 2024  
#1 in Pakistan



NUST holds the singular honor of being No. 1 University  
in Pakistan as per Quacquarelli Symonds (QS) World  
University Rankings and Asian Rankings.



# CONTENTS

## ABOUT THE UNIVERSITY 7

- Defining Futures 8
- Why Choose NUST? 9
- Location 10
- Who to Contact 12
- Student Support Services 14
- Student Affairs 18
- Accommodation 20
- Membership of Quality Assurance Association/Network 23

## NUST CAMPUSES & INSTITUTIONS 24

- School of Electrical Engineering and Computer Science (SEECs) 25
- NUST Business School (NBS) 26
- School of Social Sciences and Humanities (S3H) 27
- School of Chemical and Materials Engineering (SCME) 29
- School of Civil and Environmental Engineering (SCEE) 30
- School of Mechanical and Manufacturing Engineering (SMME) 32
- School of Art, Design and Architecture (SADA) 33
- School of Interdisciplinary Engineering and Sciences (SINES) 34
- School of Natural Sciences (SNS) 35
- Atta-ur-Rahman School of Applied Biosciences (ASAB) 36
- US-Pak Center for Advanced Studies in Energy (USPCAS-E) 37
- NUST Institute of Peace and Conflict Studies (NIPCONS) 38
- Center for Peace and Conflict Studies (CIPS) 38
- NUST Law School (NLS) 39
- NUST School of Health Sciences (NSHS) 40
- Military College of Signals (MCS) 41
- College of Electrical and Mechanical Engineering (CoEME) 42
- Military College of Engineering (MCE) 43
- College of Aeronautical Engineering (CAE) 44
- National Institute of Transportation (NIT) 45
- Pakistan Navy Engineering College (PNEC) 46
- NUST Balochistan Campus (NBC) 47

## APPLYING TO NUST 48

### National Students

- Undergraduate Programmes
- Postgraduate Programmes

### International Students

- Undergraduate Programmes
- Postgraduate Programmes

## FEE AND FUNDING 72

### National Students

- Undergraduate Programmes
- Postgraduate Programmes

### International Students

- Undergraduate Programmes
- Postgraduate Programmes

## NUST Entry Test (NET) 80

- Instructions for NET
- Specimen Answer Sheet





# ABOUT THE UNIVERSITY

National University of Sciences and Technology (NUST) was established in March 1991 for promotion of higher scientific education in the country, especially in the fields of science and technology by providing stable and disciplined academic environment together with need-based research, pertinent to industrial requirements. The University was granted its Charter in 1993. Over the years, the university has expanded in scope, services and stature and has emerged as a leading comprehensive University in the public sector.

Within two decades, NUST has achieved important milestones and gained immense significance as an institution of higher education in Pakistan. The University produces professionals and researchers of very high calibre, capable of developing indigenous technologies to meet the growing demands of the 21<sup>st</sup> century. It is envisioned to grow as a center of excellence for the country's scientific and technological progress. An outstanding feature of the University is that while maintaining traditional values of excellence in teaching and research, it challenges conventional practices and creates new ways of developing and delivering courses, pertaining to emerging and cutting-edge disciplines, on most modern lines.





NUST is a new-age university defining new frontiers in teaching and research. The programmes are distinctive for their high-quality research orientation. Notwithstanding the significance of undergraduate courses, there is ever-growing emphasis on postgraduate studies and research output. Creativity and innovation are embedded as core values in all scholastic activities. The conducive academic environment at the campuses facilitates educational pursuits.

NUST has developed linkages with international universities of repute to ensure two-way flow of knowledge and to be in step with modern trends. Split programmes and visits of eminent professors from reputed foreign universities is a regular feature of the academic activity. These eminent scholars deliver lectures on the latest developments in their respective fields and also help update and review the academic programmes.

# DEFINING FUTURES

## Vision

NUST aspires to be a comprehensive university providing a higher education experience grounded in thought leadership, co-creation of knowledge, and sustainability.

## Mission

We are committed to being a university that stimulates intellectual curiosity, behavioral progression, and environmental stewardship. We nurture future leaders, job creators, and lifelong learners, with the ability to foster partnerships, and intercultural competence to impact their communities and beyond. Through adherence to our core values, we create an ecosystem that promotes research, innovation, and productivity.

## Strategic Thrusts

### Excellence in Teaching & Education

Provide high-quality education in sciences and technology while remaining accessible to all sections of the society.

### Focus on Research

Undertake high-quality yet relevant research to support the emerging knowledge-based economy and society.

### Spirit of Enterprise

Develop instruments and mechanism for promotion of enterprising spirit and entrepreneurial culture among NUST graduates and create strong linkages with industry.

### Internationalisation and Global Vision

Develop strong international linkages to ensure inflow of new knowledge and state-of-the-art technologies, while building a positive international image of the University and the country.

### Positive Social Impact

Structure curricula and programmes to influence a wider cross-section of the population in terms of education and absorption of new technologies.





# WHY CHOOSE NUST?

Excellence does not grow in wilderness; it has to be pursued with singular zeal and commitment. National University of Sciences and Technology chronicles a tale of success inscribed with the galvanizing force of progressive vision and commitment par excellence. Although, barely two decades old, this premier national university, justifiably feels proud of its unprecedented success as a center of excellence.

- » NUST is ranked **#353** in Quacquarelli Symonds (QS) World University Rankings globally
- » NUST is ranked **#67** in Asia as per latest QS Asian Rankings 2024
- » NUST also holds prominent position worldwide and in Pakistan in various subjects. NUST is included in top **174** world universities and is **#1** in Pakistan in Computer Science & Information Systems.
- » NUST is included in top **200** world universities and is **#1** in Pakistan in Electrical & Electronics Engineering and Civil & Structural Engineering.
- » NUST is included in top **300** world universities and is **#1** in Pakistan in Chemical Engineering
- » NUST is included in top **250** world universities and is **#1** in Pakistan in Mechanical, Aeronautical & Manufacturing Engineering.
- » NUST is included in top **250** world universities and is **#1** in Pakistan in Mathematics.
- » NUST is included in top **300** world universities and is **#1** in Pakistan in Material Science.
- » With its galaxy of **21** constituent teaching institutions, NUST provides quality education to its students.
- » NUST's multi-disciplinary campuses offer undergraduate and postgraduate programmes in a wide range of fields, including Engineering & Technology, Life Sciences, Arts and Humanities, Natural Sciences, Social and Management Sciences.
- » NUST is competitive in engaging the best to serve as faculty members. NUST faculty of over **1200** highly qualified and capable men and women includes **600+** PhDs', mostly qualified from premier International universities.
- » NUST's high-profile international linkages for research and academic collaborations embrace over 130 celebrated centers of excellence in **32** countries around the globe.
- » NUST has few equals in generous funding for education of talented but financially challenged students. It also provides sponsored education to students hailing from economically backward areas of Pakistan.
- » Because of sound education and trusted skill levels, NUST graduates stay in demand for jobs, both in public and private sectors nationally and internationally. Several NUST graduates have launched their own business ventures.
- » Being a NUSTIAN is a great transforming experience.
- » NUST accepts and invests in the best-those with a passion to excel in life.







H-12 CAMPUS

- |   |  |   |
|---|--|---|
| 1: Main Office  | 17: Khadija Hostel                               | 33: Iqbal Mess  |
| 2: NUST Library   | 18: Zainab Hostel                                | 34: Saddle Club   |
| 3: Jinnah Auditorium  | 19: Fatima Hostel                                | 35: Institute of Applied Electronics and Computing (IAEC)       |
| 4: NUST Business School (NBS)   | 20: Ayesha Hostel                                | 36: School of Mechanical & Manufacturing Engineering (SMME)     |
| 5: School of Electrical Engineering & Computer Science (SEECs)        | 21: Attar Hostel                                 | 37: NUST School of Health Sciences (NSHS)                       |
| 6: Research Institute for Microwave & Millimetre Wave Studies (RIMMS) | 22: Bhattai Mess                                 | 38: Institute of Geographical Information Systems (IGIS)        |
| 7: Centre for International Peace & Stability (CIPS)                  | 23: Razi Hostel                                  | 39: School of Natural Sciences (SNS)                            |
| 8: Atta-Ur-Rehman School of Applied Biosciences (ASAB)                | 24: Zakariya Hostel                              | 40: National Science & Technology Park (NSTP)                   |
| 9: School of Art, Design & Architecture (SADA)                        | 25: Hajveri Hostel                               | 41: Central Mosque (Masjid-e-Taqwa)                             |
| 10: Institute of Environmental Sciences & Engineering (IESE)          | 26: Rumi Hostel                                  | 42: School of Interdisciplinary Engineering & Sciences (SINES)  |
| 11: School of Chemical & Materials Engineering (SCME)                 | 27: Ghazali Hostel                               | 43: Research, Innovation & Commercialisation (RIC)              |
| 12: School of Social Sciences & Humanities (SSH)                      | 28: South Edge Sports Complex                    | 44: Examination Hall  |
| 13: Gymnasium   | 29: Center for Advanced Studies in Energy (CASE) | 45: Concordia II  |
| 14: Concordia 1   | 30: South Edge Cafe                              | 46: Allocated site for NUST Teaching & Research Hospital (NTRH) |
| 15: Maryam Hostel   | 31: Sir Syed Mess                                |   |
|   | 32: NUST Institute of Civil Engineering (NICE)   |   |



## LOCATION

Nestled in the heart of Pakistan, Islamabad is a vibrant city where tradition meets modernity. Founded in the 1960s, Islamabad was designed by the renowned architect Constantinos Doxiadis. The city's name is a blend of "Islam" and "abad," meaning "populated." Its urban planning reflects a commitment to creating a sustainable and livable environment, evident in its spacious avenues, lush green spaces, and well-planned infrastructure. Just a short drive away, you'll find fascinating historical sites like Taxila, a UNESCO World Heritage Site, and the serene beauty of hill stations like Murree and Patriata. Islamabad also offers a rich cultural experience, with its museums, theaters, parks, and bustling shopping centers.

**Experience the best of both worlds at NUST, where academic excellence meets the vibrant energy of Islamabad.**

## Geography

Islamabad is located in the backdrop of lush green Margalla mountains in the foothills of the mighty Himalayas, at the northern rim of the Potohar Plateau. The area is undulating, interspersed with mountain streams and rivulets. It is co-located with the historic Gakhar city of Rawalpindi; thus displaying a beautiful blend of the ancient and the modern.

## Climate

The city enjoys a continental climate with hot summers (May - June), rainy monsoons (July - August), fabulous fall (October - November), cold winters (December - January) and a blooming spring (March-April). The climate is regulated by alpine mountains in the vicinity and manmade lakes (Khanpur, Rawal and Simli) which are also the sources of potable water for the twin cities. The temperature ranges from 4° C in January to 46° C in June.

## Demography

The twin cities (Islamabad-Rawalpindi) have a population exceeding 4.5 million. There is a happy blend of different ethnic communities including members of foreign missions. Urdu is the lingua franca. However, English is also generally understood and spoken by the educated sections of the society. English is also the medium of instruction in the universities.





## Transportation

Rent-a-car service is available at the airport, hotels and bus terminals. Radio and online cabs are also easily accessible. Public transport including Metro Bus Service plies on a number of routes in the twin cities besides yellow cabs (taxis) which ply round-the-clock. In case of yellow cabs, it is advisable to negotiate the fare in advance.

## Academic Structure

NUST is a public sector university which functions under the aegis of the Ministry of Science and Technology. There is a Board of Governors and an Academic Council which oversee academic matters. Rector is the Chief Executive Officer. He is assisted by three Pro-Rectors. The University comprises five colleges (located away from the NUST Campus, H-12 Islamabad,

one institute, one campus and eleven schools, and two research centers at the NUST Campus, H-12 Islamabad.

## Academic Calendar

The academic year commences in September each year. There are two regular academic semesters of 18-20 weeks duration: September-January (Fall Semester), February-June (Spring Semester) and July-August (Summer Semester). Although summer semester is not a regular one but give the students opportunity to clear their deficient courses. The University observes summer vacation from August to September. Admissions are offered in the Fall Semester. The University functions from 9am to 5pm, 5 days a week. However, laboratories and libraries remain accessible to the researchers till late at night and even on weekends.







# WHO TO CONTACT

At NUST, your journey begins. We're here to support you every step of the way. From academic guidance to wellness resources, our dedicated offices are designed to help you thrive. Need assistance? Simply connect with the right department for personalised support.

## **Pro-Rector (Academics)**

Oversees all the offices which deal with academic and administrative issues of the students during their stay in the University.

## **Registrar**

Responsible for UG & MS admissions, registration and matters related to student records, convocation, migration, discipline matters, issuance of various certificates and verification of degrees as per university, PEC, PM&DC and HEC policies.

## **Controller of Examinations**

Responsible for dealing with matters related to students Results, Gazette Notifications, Transcripts / Detail Marks Sheets and the process of conducting examinations as per HEC rules and policy.

## **Director Academics & Dean ASR**

Handles matters pertaining to academic regulations, programmes of studies, academic calendar, labs and libraries, in addition to academic life cycle of PhD students.

## **Director Research**

Deals with research and publications related matters.

## **Director Admissions**

Deals with matters pertaining to NUST Entry Test.

## **Director Finance**

Deals with matters pertaining to fee and finances of the students.

## **Director Marketing & Communications**

Facilitating effective internal and external communication and managing the university's brand and reputation





## **Director Administration**

Director Adm deals with Messing / Faculty & Officers Married Accommodation /Security / Transport / Outsourcing of Cafes / Canteens etc

## **Director Field Administration**

Deals with Hostel Accommodation and Sports.

## **Director Student Affairs**

Oversees Student-led activities including Clubs and Societies, Summer School, NUST Olympiad, NUST Orientation, NUST High Achiever

## **Director Health**

Supervises health care and medical services.

## **Innovation & Commercialization Office NUST (ICON)**

Provides guidance and support to the institutions for activities related to research and development.

## **Career Development Center**

Helps the students in placement and job opportunities, guiding them in preparing resumes and learning interview techniques.

## **Center for Counseling and Career Advisory (C<sup>3</sup>A)**

Staffed with professional counselors and psychologists, the Center provides personalised counseling services to students to help them cope with adjustment problems and issues affecting their studies. They also conduct aptitude and psychological tests.

## **Marketing & Communications**

From branding to campus communications, and management of marketing functions to media and public relations, we are here to support your journey and strengthen our university's reputation within the country and abroad.



# STUDENT SUPPORT SERVICES

NUST offers a broad array of resources that allow students to extend and deepen their learning through civic engagement and participation in, and leadership of an active network of student-initiated projects and organizations. Services have been established to address all issues of the students pertaining to their university life-cycle, from selection to graduation and alumni network management. The services include Center for Counselling and Career Advisory, IT Facilities, Clubs and Societies Office, NUST Archives, Sports Office, Hostels and Messing Office, Internship and Placement Office, Alumni Office and commercial Bank.

## Central Library

National University of Sciences and Technology (NUST) has a Central Library and 19 institutional libraries comprising of about 350,000 collection of books. The three – story, centrally air-conditioned, building of the Central Library is situated at the heart of NUST main campus (H-12 Sector) in Islamabad facing Scholars Avenue and adjacent to the University Main Office. The total covered area of Central Library is 42,907 sq. ft. with seating capacity for 570 readers. Central Library is manned by highly qualified and experienced Library and Information Science Professionals, committed to provide high quality services to the library users. It possesses rich collection of print, electronic and online resources to fulfil the needs of faculty members, students and researchers. Apart from these, Central Library has facilities such as bookable Group Study Rooms, Self Service Issue & Return Kiosks, Lincoln Corner NUST, Seminar Hall / Centre for Internationalisation, Kon' Nichiwa Japan (Explore Japan) Section, Chinese Corner, VPN Access for remote users to access the HEC digital Library Resources, Computer terminals, high speed LAN/Wi-Fi Internet access and laptop points along with electric sockets for charging electronic gadgets.





## NUST Archives

Central Library is also responsible for managing NUST Archives. The section collects/conserves archival material of historical importance including policy decisions, MoUs, artifacts, rare photographs and other miscellaneous documents. Digitization of documents is also maintained by the section.

## Centre for Counselling and Career Advisory (C<sup>3</sup>A)

Need support? The Centre for Counselling & Career Advisory (C3A) is your dedicated resource. Our team of professionals offers confidential counselling, guidance, and support for a range of personal and academic challenges. Whether you're facing stress, anxiety, or career uncertainty, we're here to help you navigate your journey successfully

### Services rendered by the Centre are:

- » Counselling facilities (Individual, Group, Career and E-Counselling)
- » Psychological Testing
- » Workshops and Training
- » Seminars and Lectures
- » Harassment Complaint Cell
- » Counselling Camps
- » Community Services
- » Outreach consultation

### Contact:

**Call:** 051-9085-1571, 051-9085-1579

**Email:** c3a@nust.edu.pk

**Website:** <https://c3a.nust.edu.pk/>

**Instagram:** [https://instagram.com/c3a\\_nust/](https://instagram.com/c3a_nust/)

**Facebook:** <https://www.facebook.com/profile.php?id=100090112041131>



## NUST Information and Communication Technologies (ICT)

Provision of ICT facilities and services to NUST faculty, students and administrative staff is the core functional role of ICT Directorate. The directorate is a service provider at NUST Main Campus, Sector H-12 Islamabad and support services to Schools and constituent Colleges. The landscape of to provide Quality of Service (QoS) to our valued users is broadly laid out as under:

### ICT Infrastructure

NUST offers most modern computing and networking facilities and has the distinction of providing internet access since early nineties. These include:

- » Main Data Center, which is the hub for dissemination of all ICT services to NUST community.
- » Campus Optical Fiber Network, connecting all buildings with Main Data Center.
- » Gigabit Local Area Networks (LANs) in all Schools.
- » High-speed Internet facility to the users through Pakistan Education and Research Network (PERN) program of Higher Education Commission (HEC).
- » Latest high-speed Wi-Fi connecting is established in all hostels under Smart University Project (SUP) through HEC.
- » Central Authentication of all hostel Wi-Fi users for secured Internet access.
- » Computing laboratories are equipped with state-of-the-art servers, computers, software and allied equipment, which are connected through high speed LAN.
- » NUST software defined based Intranet is in place connecting all remote Campuses with Main Campus for information and resource sharing.
- » Jinnah auditorium is installed with Pakistan's largest fixed P2.5 SMD video wall with dimensions of 13x29 and high resolution graphics capability.

### Qalam – Campus Management Solution

NUST ICT implemented a campus management solution in Fall 2015. In Fall 2020, this was replaced by an indigenously developed software system known as Qalam. Qalam is the automation of the complete student academic life cycle processes and it covers the whole spectrum of the academic activities from student admission till graduation.

### Student Life Cycle

Qalam revolutionizes student lifecycle management by providing a user-friendly platform that allows students to effortlessly access and oversee their academic journey. This innovative system enables students to conveniently utilize a range of online services, all from the comfort of their homes. The following key modules/applications on Qalam facilitate students throughout their academic lifecycle:

#### Student Admission

This application seamlessly enrolls students into the Qalam framework upon their successful admission to NUST.

#### Online Career Counseling Application

The Online Career Counselling App allows students to register for sessions easily. Each student is assigned a dedicated mental health professional, who receives session details and schedules through their account. Students can also seek referrals and provide feedback on their counselling sessions.

#### Course Enrolment

Course Enrollment empowers students to independently enroll in the offered courses. It also provides students with the ability to track their current, active, or past enrollments for a comprehensive overview of their academic journey.

#### Attendance

The Attendance module allows students to track their attendance, communicate with faculty about unmarked attendance, ensuring transparency. Students are advised to maintain a minimum 75% attendance for a smooth academic journey.

#### Gradebook

The Gradebook app enables faculty to add grades of students individually in the system. It also empowers students to conveniently monitor their assigned grades online, enhancing transparency and serving as a valuable resource for tracking academic progress across courses.

#### Student Advisory System

A Student Advisory System is a support and guidance system that provides students with academic and personal assistance throughout their educational journey. This application offers the option of guidance on course selection, career planning, and addresses students' concerns and needs to both students and faculty within Qalam. Groups of students can be created and categorized as per the advisory needed by the group.



### Student Financial

The Student Financial Application efficiently handles fee matters, including invoice generation and payment. Students can easily download and upload fee invoices, ensuring a streamlined financial transaction process.

### Research Thesis Tracking and Management System - RTTM

The Research Thesis Tracking Module (RTTM) empowers students to initiate and manage their theses seamlessly on Qalam. This module ensures that students, advisors, and management can effectively track the progress of the thesis, fostering clear communication and collaboration throughout the research process.

### Financial Aid

The Financial Aid module adds the functionalities of scholarship award and fee waivers. This application is interlinked with the Students Financial application and does not generate fee invoices to scholarship awardees and generates updated invoices to the students with fee waivers.

### Lab Equipment Management System

The Lab Equipment Management System streamlines equipment issuance to students and faculty, ensuring traceability and efficient tracking. Users can check equipment availability and status in the catalogue, promoting effective management. Lab Engineers can explore the catalogue for equipment in other labs, optimizing resource utilization.

### Hostel Management

The Hostel Management app simplifies student accommodation registration, utilizing predefined merit criteria for automated allocation. This ensures fair and efficient assignment, adding transparency and objectivity to the process for an enhanced student experience.

### Mess Management

Mess Management empowers students to efficiently handle dining affairs, including check-in/check-out, bill generation, and payments. It offers a comprehensive view of payment history, ensuring convenient control and contributing to a smoother dining experience.

### ICT Help Desk

The ICT Help Desk system allows students to raise tickets for issues, monitoring progress efficiently. Concerns are directed to relevant officers for streamlined resolution. Updates on each complaint's status and resolution are available, ensuring a transparent and responsive support experience.

### Student Self Services

Qalam offers a comprehensive suite of student-centric features, enhancing the overall academic experience. From the convenience of the Student Self Service portal, students can seamlessly navigate through attendance monitoring, internship enrollment, and access fee invoices. The platform further facilitates students in managing their academic journey by providing options for course offers and self-enrollment, viewing grades, and accessing unofficial transcripts. Additionally, the system ensures effective communication through feedback and notifications, fostering a streamlined and efficient student engagement ecosystem.

## Faculty Lifecycle

Qalam's user-friendly platform goes beyond students to streamline faculty lifecycle management. This intuitive system provides faculty members with easy access to oversee teaching and research, enhancing efficiency and accessibility from the comfort of their homes. Following are main modules of Faculty's lifecycle on Qalam:

### NUST Research Portal

The NUST Research Portal empowers faculty members and researchers by providing a centralized platform for showcasing their research work, projects, and patents. To enhance the research quantification process, we have integrated essential research frameworks into the portal. Furthermore, dynamic graphs and reports have been incorporated to visually highlight the impact of the research activities at NUST.

### Faculty Resource Center

The Faculty Resource Center in NUST's Academics Directorate uploads policies and official documents onto Qalam for structured categorization. Faculty members and officers can easily access these documents through their Qalam accounts, promoting quick and efficient reference.

### Faculty Self-Service

Within the Faculty Self-Service platform, professors and educators benefit from a comprehensive suite of tools tailored to streamline their responsibilities. From managing personal profiles, including updates, and viewing HR information, to overseeing research, intellectual property, and projects profiles, this system ensures a holistic approach to faculty engagement. Faculty members can efficiently handle administrative tasks such as marking attendance and grading, while also actively participating in guiding students through industrial visits, mock interviews, and internship management. The platform further facilitates communication through feedback and survey forms, creating a centralized and efficient hub for faculty engagement and support.

## NUST Official Web Portal

The official university web portal serves as the central platform for all academic-related activities, providing students with all the information they need. The website provides comprehensive information about the university, including information about the academic programs, courses that are offered, and on-campus facilities they can use. With a user-friendly interface and easy-to-navigate design, the website is the primary resource for students looking for information about the university.

## NUST Admission Portal

The admission portal has revolutionized the admission process, making it simpler and more convenient than before. With the admission portal available 24x7, applicants can undertake all admission activities such as applying for admission, generating admit cards, and uploading relevant documents without having to physically visit the university. Also, the applicants can conveniently access and track their application status from anywhere along with the fully automated merit-generating system which enables a faster and more accurate assessment of their admission without any human interaction.



## Human Resource Management/Development

NUST is a multi-campus university employing faculty and staff from diverse disciplines. The HR Directorate recruits and retains the best workforce to contribute towards the continuing success of the University. It is actively engaged in development of faculty and staff to ensure high standard and quality of education.

The faculty at NUST is actively engaged in research activities and providing an environment of practical learning to the students. The HR Directorate supports such programmes for the faculty to keep their expertise up-to-date and develop their skills continuously. Eligible faculty is sent abroad for higher studies and research programmes, and is also assisted for placement in various schools on their return.

Career development is another notable function carried out by the HR Directorate. It has successfully carried forward the progress of the University to operate at an optimal level in times of financial crunch by exploring/offering fully funded scholarships.

## Faculty Development Programme

The programme was started in 2002. As many as 430 scholars have been sent abroad for higher studies, out of which 316 have joined back.



## Student Affairs

Students Affairs Directorate primarily deals with Student's Clubs & Societies and extra-curricular activities. The Clubs & Societies were established in 2011 with the purpose to provide an opportunity to students to exhibit their potential and passion to nurture leadership and managerial abilities. The Directorate has evolved as a vibrant set-up providing suitable platforms to students to pursue their passion for extra-curricular activities and explore their potential to grow as wholesome person with skills to lead and work in teams.

## Clubs and Societies

Hundreds of events covering a diverse landscape of activities are planned, led and executed by the students every year through the platform of Clubs & Societies under the umbrella of Student Affairs Directorate. The Clubs and Societies functional at NUST are as under:

- » NUST Archery Club
- » NUST Skill Development Club
- » NUST Bio Reach Society
- » NUST Leaders Society
- » NUST Water Sports Club
- » NUST Debating Society
- » NUST Quiz Club
- » NUST Music Society
- » NUST Economics Club
- » NUST Media Club
- » NUST Law Society
- » NUST Ni Hao Club
- » NUST Dramatics Club
- » NUST Social Innovation Society
- » NUST Fine Arts Club
- » NUST Stray Animal Club
- » NUST Environment Club
- » NUST Technical Amusement Club
- » NUST Adventure Club
- » NUST Bazm e Pakistan
- » NUST Book Club
- » NUST Digital Club
- » NUST Materials Society
- » NUST Science Society
- » NUST Literary Circle
- » American Institute of Chemical Engineers - AIChE
- » NUST Fitness Club
- » NUST Excursion Club
- » NUST Hack Club
- » NUST Entrepreneurs Club
- » NUST IEEE Club
- » NUST Paragliding Club
- » NUST Robotics Club
- » NUST Community Services Club
- » NUST Character Building Society
- » American Society of Mechanical Engineering
- » NUST IMEChE
- » NUST ASHRAE
- » NUST Physics and Astronomy Society
- » NUST Trekking Club
- » NUST Chess Club



## Vision

The Student Affairs Directorate strives to be creative with maximum student participation and purposeful fun activities that help the students' learning process and augment their personality development as future leaders.

## Administrative Aspects

All Clubs adhere to the following approved appointments:

- » Faculty Sponsor
- » President
- » General Secretary
- » Press Secretary
- » Treasurer

Half the Office Bearers must be from institutions other than the sponsor institution.

## Scope of the Clubs & Societies

Every Club and Society has its own defined mandate / scope, aim and objectives which are in sync with their respective title.

## National Level Events

The Directorate, in collaboration with selected Clubs and Societies, conducts national level events like National Science Bee, National Literary Festival etc each year as per the schedule of events.

## Summer School

An initiative of Student Affairs Directorate, with the aim to provide pre-University experience to FSC/O level students who are aspiring to join the university. It is a quality time investment for the prospective university students to understand the eco system of university life and helps them make correct career choices.

## High Achievers Award

Student Affairs Directorate arranges the prestigious ceremony once a year to recognize and certify the efforts of the students who had achieved distinction at International, National or Inter-university level events / competitions.

## NUST Olympiad

Student Affairs Directorate arranges NUST Olympiad biannually. It is a mega event and caters all the disciplines ranging from Science, Technology, Literature, Adventure, Entrepreneurship, Media and Sports.

## Orientation Week

Conducted in September every year by the Student Affairs Directorate to extend warm welcome to the freshmen and ensure their smooth and seamless transition into the life at NUST.

## Lapel Pin Ceremony

The ceremony is conducted to recognize/ acknowledge the efforts of Faculty Sponsors and Student Office Bearers of Clubs and Societies for their commendable efforts in organising the vast array of events throughout the academic year.





# ACCOMMODATION

The newly built campus at H-12, Islamabad is located in the serene backdrop of majestic Margalla Hills. The NUST Campus, H-12, Islamabad blends old and modern architecture. The Kashmir Highway, which leads to M-1 (Motorway) linking it to the rest of the country through a wide range of motorways network, coasts along the campus which is only at 20-minutes drive from all the main terminals-air, bus and railways.

NUST Campus, H-12, Islamabad provides well-furnished and equipped male and female hostels named after great Muslim Scholars as under:

## Girls Hostels

- |                             |                           |  |
|-----------------------------|---------------------------|--|
| » Fatima Hostels (2 blocks) | - PG Students             | Single Occupancy with attached washrooms |
| » Zainab Hostel             | UG Students               |  |
| » Ayesha Hostel             | Double / Triple Occupancy |  |
| » Khadija Hostel            | UG Students               |  |
| » Amna Hostel               | Triple Occupancy          |  |

## Boys Hostels

- |                |              |   |
|----------------|--------------|---|
| » Rumi Hostel  | PG Students  | Single Occupancy with attached washrooms          |
| » Johar Hostel | PG Students  |   |
| » Ammar Hostel | PG Students, | Double Occupancy with attached washrooms          |
| » Ghazali      | UG Students  |   |
| » Beruni       | UG Students  |   |
| » Razi         | UG Students  |   |
| » Rahmat       | UG Students  |   |
| » Attar        | UG Students  | Triple / Double Occupant with Community washrooms |
| » Liaquat      | UG Students  |   |
| » Hajveri      | UG Students  |   |
| » Zakariya     | UG Students  |   |

## Monthly Accommodation Charges (NUST Campus, H-12, Islamabad)

### Hostel Accommodation Charges for National Students

- » Single occupancy with attached bath Rs. 11000/-
- » Double occupancy with attached bath Rs. 10000/-
- » Double occupancy with community bath Rs. 8000/-
- » Triple occupancy with community bath Rs. 6750/-

#### Note:

- » Security Fee of Rs. 15,000/- (Refundable) will be charged at the time of allotment.
- » Hostel includes accommodation charges only.



### Secure Environment

In addition to highly effective Campus security arrangements, all hostels have CCTV Cameras, protective boundary walls, security personnel and dedicated staff at each block.

### Hostel Management

A qualified and experienced management team, composed as under, looks after hostel affairs:

- » Deputy Director and AD Hostels with Office Staff, Manager (Hostels) and Caretakers.
- » Deputy Director Hostels and AD Hostels (Male & Female) with Office Staff, Managers (Hostel) and Caretakers

Manager (Hostels) with necessary staff remains available in each hostel round the clock.

## Facilities

Facilities provided in the hostels include:

- » Attached / Community washrooms
- » Fully furnished rooms
- » Central heating system
- » High Speed internet connectivity
- » Telephone
- » Gymnasium, Billiard Table, Table Tennis
- » TV lounges with Cable TV
- » Dining Halls with attached kitchens and service areas
- » Standby Generator
- » Laundry Service (Free of Cost)
- » Medical Care
- » Prayer Area
- » Vending Machine
- » Water Filtration Plant

## Allotment Procedure

Hostel accommodation in the relevant category is allotted as per Hostel Allotment SoP's. Newly enrolled students may apply online for hostel accommodation once their admission is confirmed through following links:-

[ugadmissions.nust.edu.pk](http://ugadmissions.nust.edu.pk) (For UG Students)

[pgadmission.nust.edu.pk](http://pgadmission.nust.edu.pk) (For PG Students)

## Messing

The hostels provide catering services and the boarders have a choice to enjoy a variety of wholesome food, prepared under hygienic conditions.

## Charges

Mess Security Rs. 15,000/- (Refundable)

Monthly Charges Rs. 15,175 /- (Rs. 490/- per day)

## Cafeteria and Shopping Complex

Aesthetically designed cafeterias and shopping complexes, called Concordia I and Concordia II, have been constructed in the northern and southern wings of NUST Campus, H-12, Islamabad. Concordias offer the following services:-

### Concordia-I

- » Cafeteria
- » Mini Mart (Artizm)
- » Refreshment Corner
- » Stationery Shop
- » Photo State / Computer Shop

### Concordia-II

- » Cafeteria
- » Mini Mart
- » Stationery Shop
- » Photo State / Computer Shop
- » Gents Tailor
- » Ladies Tailor
- » Barber Shop
- » Souvenir Shop
- » Photocopier Shop
- » Beauty Parlor (Near new Sports Complex)
- » Retro Café (near Attar Hostels)
- » Coffee Lounge (near Grid Station)
- » South Edge Café (in front of Main Office)

## Shuttle Service

NUST has a very elaborate and very well organized transport system to cater for the needs of students, faculty and staff alike. Special emphasis is on environmental friendly transport system. NUST runs a fleet of Electric Cars within Campus to minimize carbon emission. Electric Cars are utilized to shuttle between various locations within the campus i.e. Hostels to various School/Offices and from Gates to Schools/Hostels/Offices. NUST also has a very well organized mass transit transport system for pick and drop of students, faculty and staff from

all localities of twin cities with variable timings. Transport is also made available to facilitate students for industrial visits, research projects, club activities, society/community initiatives, awareness walks and for excursion trips.



## Sports and Recreation

NUST offers a wide variety of sports activities. All Colleges have elaborate sports infrastructure. The NUST Campus, H-12, Islamabad is developing at a fast pace and have the following facilities of international standard:-

**Indoor Facilities:** 2x Multipurpose hall, 2x Basketball, 1x Volleyball, 6x Badminton, 6x Table Tennis, 2x Snooker, 1x pool table, 4x Fitness Gyms, 2x Squash Courts, 1x all weather Swimming Pool, 1x Bowling Alley.

**Outdoor Facilities:-** 2x Football fields, 5x Cricket grounds, 1x hockey ground, 9x Futsal grounds, 5x Basketball courts, 1x Handball court, 1x Netball court, 9x Volleyball Courts, 4x Badminton courts, 5x Tennis courts, 1x Skating Rink, 1x Climbing Wall, 1x Athletic ground, 1x Hiking Trail (1.5 Km).

**Hostels Facilities:-** 10x Fitness gym, 8x Table Tennis, 6x Pool Tables, 2x Basketball courts, 1x Volleyball court and 17x Badminton courts.

NUST has established a Riding Club in H-12 Campus being the pioneer University in Pakistan to have such a facility. Regular Inter-College/School Sports Competitions are held every year at the University. NUST teams have been participating and performing well in HEC Intervarsity Sports Competition both at the Zonal and National levels. No of our players have represented Pakistan in different Sports and achieved good positions at National Levels.

NUST also has a well qualified and very experienced team of sports coaches. They impart the sports coaching to students and supervise all the sports activities in the University.





## NUST International Office (NIO)

The NUST International Office (NIO) functions as a pivotal link between the National University of Sciences and Technology (NUST) and its global partners, providing essential support and services to the NUST community. NUST currently has over 240 partnerships with international universities and organization of over 50 countries of the world. Embracing a diverse international student community spanning 19 countries, the NUST International Office (NIO) is committed to providing unwavering support to scholars on campus. NIO actively collaborates with faculty, staff, and community members to champion international scholarship, foster research initiatives, and enrich learning experiences both within and outside the traditional classroom setting.

In addition to supporting international students, NIO extends its services to NUST students, offering counseling and guidance sessions. These sessions are designed to empower NUST students with the information and resources needed to pursue study abroad opportunities. NIO employs a multifaceted approach, utilizing study fairs, seminars, webinars, and informative sessions to equip students with the necessary insights and tools for successful international academic pursuits. Through these initiatives, NIO aims to facilitate a seamless transition for students into the global academic landscape and broaden their horizons through diverse educational experiences.

### Contact Us:

nio@nust.edu.pk

UAN: +92-51-111-11-6878

## NUST Placement Office (NPO)

NUST Placement Office aims to facilitate NUST students and graduates in securing placements in the industries matching their specialization. In order to secure maximum placement opportunities for our grads at the top recruiting companies, we are actively working jointly with the industry in enhancing placements of NUST students in the market. For yearly summer internships, mandatory for final year students at NUST, we have an extensive outreach with the industries which provide our students with the much needed exposure to the potential recruiters. Similarly, for job placements, NPO conducts the largest number of on-campus recruitment drives, arranges a number of industry sessions and conducts alumni talk series.

Owing to our steep rise in employability during the last 2 years, we have become Pakistan's no 1 university in Employability.

**98th position globally and #1 position in Pakistan  
Employers' Reputation**

## MEMBERSHIP OF QUALITY ASSURANCE ASSOCIATIONS/NETWORKS

NUST has actively been playing a role of assuring and enhancing the quality of education since its inception. For the purpose of learning, knowledge sharing of good practices, global networking and co-organizing international seminars and networks, NUST is an active member of following international associations / networks

International Network of Quality Assurance for Higher Education



Asia-Pacific Quality Network



Association of Commonwealth Universities



Association of Management Development Institutions in South Asia



United Nations Academic Impact



Association of Quality Assurance Agencies of Islamic World



The Tallories Network



Inter University Consortium for promotion of Social Sciences (IUCPP)







**MAIN OFFICE**

**NUST  
CAMPUSES**



### School of Electrical Engineering and Computer Science (SEECs)

NUST School of Electrical Engineering and Computer Science (formerly NIIT) chronicles an incredible tale of what focused efforts with a clear vision, singular commitment and a passionate quest for excellence are capable of achieving within the span of a decade. From its embryonic appearance in 1999 as a tiny IT wing of NUST, this school has blossomed into one of the finest seats of higher education. The philosophy of education at SEECs puts due premium on an essential blending of engineering and computing education with a sound orientation of social and humanitarian interests of the society. With the relocation of SEECs to the idyllic setting of NUST Campus, H-12, Islamabad, it is destined to set a new pace for cultivation of wholesome social and moral values in the students who are privileged to enter its portals.

#### Departments

- » Electrical Engineering
- » Computer Science
- » Software Engineering
- » Data Science & AI
- » Humanities & Sciences (H&S)

#### Academics Programs

Program Title	Course Outline
BE Electrical	<a href="https://seecs.nust.edu.pk/program/bachelor-in-electrical-engineering-for-fall-2024-onward">https://seecs.nust.edu.pk/program/bachelor-in-electrical-engineering-for-fall-2024-onward</a>
BE Software	<a href="https://seecs.nust.edu.pk/program/bachelor-of-software-engineering-for-fall-2024-onward">https://seecs.nust.edu.pk/program/bachelor-of-software-engineering-for-fall-2024-onward</a>
BS Computer Science	<a href="https://seecs.nust.edu.pk/program/bachelor-of-science-in-computer-science-2023-and-onwards-intake">https://seecs.nust.edu.pk/program/bachelor-of-science-in-computer-science-2023-and-onwards-intake</a>
BS Data Science	<a href="https://seecs.nust.edu.pk/program/bachelor-of-science-in-data-science">https://seecs.nust.edu.pk/program/bachelor-of-science-in-data-science</a>
BS Artificial Intelligence	<a href="https://seecs.nust.edu.pk/program/bachelor-of-science-in-artificial-intelligence">https://seecs.nust.edu.pk/program/bachelor-of-science-in-artificial-intelligence</a>
MS Information Technology	<a href="https://seecs.nust.edu.pk/program/ms-information-technology">https://seecs.nust.edu.pk/program/ms-information-technology</a>
MS Electrical Engineering	<a href="https://seecs.nust.edu.pk/program/ms-electrical-engineering">https://seecs.nust.edu.pk/program/ms-electrical-engineering</a>
MS Computer Science	<a href="https://seecs.nust.edu.pk/program/ms-computer-science">https://seecs.nust.edu.pk/program/ms-computer-science</a>
MS Information Security	<a href="https://seecs.nust.edu.pk/program/ms-information-security">https://seecs.nust.edu.pk/program/ms-information-security</a>
MS Innovative Technologies in Learning	<a href="https://seecs.nust.edu.pk/program/ms-innovative-technologies-in-learning">https://seecs.nust.edu.pk/program/ms-innovative-technologies-in-learning</a>
MS Data Science	<a href="https://seecs.nust.edu.pk/program/ms-data-science">https://seecs.nust.edu.pk/program/ms-data-science</a>
MS Artificial Intelligence	<a href="https://seecs.nust.edu.pk/program/ms-artificial-intelligence">https://seecs.nust.edu.pk/program/ms-artificial-intelligence</a>
PhD Information Technology	<a href="https://seecs.nust.edu.pk/program/phd-information-technology">https://seecs.nust.edu.pk/program/phd-information-technology</a>
PhD Electrical Engineering	<a href="https://seecs.nust.edu.pk/program/phd-electrical-engineering">https://seecs.nust.edu.pk/program/phd-electrical-engineering</a>
PhD Computer Science	<a href="https://seecs.nust.edu.pk/program/phd-computer-science">https://seecs.nust.edu.pk/program/phd-computer-science</a>
PhD Information Security	<a href="https://seecs.nust.edu.pk/program/phd-information-security">https://seecs.nust.edu.pk/program/phd-information-security</a>
PhD Artificial Intelligence	<a href="https://seecs.nust.edu.pk/program/phd-artificial-intelligence">https://seecs.nust.edu.pk/program/phd-artificial-intelligence</a>





## NUST Business School (NBS)

Launched in 1999 as NUST Institute of Management Sciences and rebranded as NUST Business School (NBS) in 2008, the School is situated in the vast central NUST campus in Sector H-12 Islamabad. It is highly reputed within Pakistan and has made an international footprint in recent years. As a testament of the quality of education it imparts and the standing of its graduates in the market, it has consistently featured at #2 in Pakistan in the QS Subject Wise Rankings since 2019 and was ranked in the 251-300 bracket in the 2023 QS World Rankings. It also enjoys full accreditation (5 years) of the three programs (BBA, BS AC&F and MBA) which fall under the purview of the National Business Education Accreditation Council (NBEAC). The program portfolio consists of three undergraduate, two taught masters (MBA and EMBA), four MS (HRM, Logistics & Supply Chain Management, Innovation and Entrepreneurship and Marketing) and one PhD program. This planned growth in programs was accompanied by an increase in the student body from 97 in 1999 to the current approximate strength of 1250 in 2023. There are approximately 3500 NBS alumni as well who are serving the industry, academia and society both, in Pakistan and abroad.

Since its inception, NBS has demonstrated a strong culture of continuous improvement that has enabled the institution to build a formidable reputation in a short span of over two decades. In the quest to extend this reputation beyond our borders, we have set forth on the journey to attain the international AACSB accreditation. Association to Advance Collegiate Schools of Business (AACSB) represents the highest standard of achievement for business schools worldwide and is a hallmark of excellence in management education. Institutions that earn the AACSB accreditation, confirm their commitment to quality and continuous improvement. The School's mission is to enhance academic excellence through hiring and retaining high calibre faculty, enhancing and diversifying intellectual contributions (ICs), developing and grooming students and investing in continuous improvement of academic and administrative processes. Academic excellence is the corner stone on which our mission is founded and to fulfil it, we aim to develop leaders who are sensitized to the needs of the community and adhere to ethics and professionalism. To create a meaningful impact on the industry, academia and society, NBS engages with these stakeholders through multiple mechanisms (R&D and consulting projects, training programs, industrial visits and internships, seminars and symposiums, guest lectures and course teaching as industry practitioners etc.) on a sustained basis, to assess their challenges and requirements. Through direct and indirect interaction with these stakeholders, NBS makes continuous improvements in its curriculum, updates the skill set of its graduates, provides solutions to industry problems and attempts to serve the community it operates in.

### Departments

- » Finance & Investment
- » International Business & Marketing
- » Management & HR
- » Operations & Supply Chain

### Academics Programs

Program Title	Course Outline
BBA Administration	<a href="https://nbs.nust.edu.pk/program/bachelor-of-business-administration-for-2023-onwards">https://nbs.nust.edu.pk/program/bachelor-of-business-administration-for-2023-onwards</a>
BS Accounting and Finance	<a href="https://nbs.nust.edu.pk/program/bs-accounting-finance-for-fall-2023-and-onwards">https://nbs.nust.edu.pk/program/bs-accounting-finance-for-fall-2023-and-onwards</a>
BS Tourism & Hospitality Management	<a href="https://nbs.nust.edu.pk/program/bs-tourism-and-hospitality-management-for-fall-2023-and-onwards">https://nbs.nust.edu.pk/program/bs-tourism-and-hospitality-management-for-fall-2023-and-onwards</a>
MBA	<a href="https://nbs.nust.edu.pk/program/masters-in-business-administration-mba">https://nbs.nust.edu.pk/program/masters-in-business-administration-mba</a>
Executive Masters in Business Administration (EMBA)	<a href="https://nbs.nust.edu.pk/program/executive-mba">https://nbs.nust.edu.pk/program/executive-mba</a>
MS Logistics & Supply Chain Management	<a href="https://nbs.nust.edu.pk/program/ms-logistics-supply-chain-management">https://nbs.nust.edu.pk/program/ms-logistics-supply-chain-management</a>
MS Human Resource Management	<a href="https://nbs.nust.edu.pk/program/ms-human-resource-management">https://nbs.nust.edu.pk/program/ms-human-resource-management</a>
MS Innovation & Entrepreneurship	<a href="https://nbs.nust.edu.pk/program/ms-innovation-and-entrepreneurship">https://nbs.nust.edu.pk/program/ms-innovation-and-entrepreneurship</a>
MS Marketing	<a href="https://nbs.nust.edu.pk/program/ms-marketing">https://nbs.nust.edu.pk/program/ms-marketing</a>
PhD Business Administration	<a href="https://nbs.nust.edu.pk/program/phd-business-administration">https://nbs.nust.edu.pk/program/phd-business-administration</a>



**Faculty Profile:** <https://nbs.nust.edu.pk/faculty/>

**Institution Profile:** <https://nbs.nust.edu.pk/>

## School of Social Sciences and Humanities (S<sup>3</sup>H)

The discipline of social sciences plays a vital role in understanding the function of society, studying individual behavior and evaluating social problems and their impact on society. Taking cognizance of the significance of social sciences and humanities discipline, NUST has recently established the School of Social Sciences and Humanities (S<sup>3</sup>H). Founded in 2013, the history of the school can be traced back to 1999 when its seed began to germinate in the form of establishment of NUST Institute of Management Sciences (NIMS), which was renamed as NUST Business School (NBS) in 2008. Later, three social sciences departments namely Department of Economics, Department of Government and Public Policy, and Department of Mass Communication were launched and initially housed under the umbrella of NUST Business School.

In 2013, the university felt the need to have a proper institution devoted to social sciences, so five departments; Economics; Mass Communication; Behavioral Sciences; Government and Public Policy and Development Studies – were combined to form S<sup>3</sup>H. Along with that, the school also has Chinese Studies Center and Center of Excellence on Population and Wellbeing Studies (CePWS) working under its banner. The school relocated to its own new, state-of-the-art building in 2015 and since then is committed to high-quality undergraduate and graduate instruction across the social sciences and humanities. The school has established a Law department in 2020.

Our interdisciplinary faculty areas of expertise include economics, psychology, career counselling, environmental and energy policy, digital media, journalism, international relations, development studies, law and linguistics.

We pride ourselves on providing students with the opportunity to engage in hands-on educational experiences and apply academic concepts, strategies and techniques practically to contemporary real-world issues.

In less than a decade, S<sup>3</sup>H has made its mark as one of the premier schools of social sciences in Pakistan and a training ground par excellence for future leaders.

### Departments

- » Economics
- » Development Studies
- » Behavioural Sciences
- » Government & Public Policy
- » Mass Communication

### Centers

- » China Study Center  
China Study Centre (CSC) NUST was established in S<sup>3</sup>H, NUST in June 2021 with approval of Higher Education Commission (HEC) of Pakistan. In CSC, Chinese Language Course is offered as additional course to NUST students to enhance their language skills. Further CSC also offered admission in Chinese universities on scholarships in UG, MS & PhD
- » Center of Excellence on Population and Wellbeing Studies (CePWS)  
The Centre of Excellence on Population and Wellbeing Studies (CePWS) was established in February 2023 at S<sup>3</sup>H, NUST in collaboration with the United Nations Population Fund (UNFPA). With the vision of making Pakistan's population prosperous and productive, the Centre is a teaching, research, and advocacy platform providing an interdisciplinary perspective on Population issues.

### Academics Programs

Program Title	Course Outline
<b>BS Economics</b>	<a href="https://s3h.nust.edu.pk/program/bs-economics-for-fall-2023-onwards">https://s3h.nust.edu.pk/program/bs-economics-for-fall-2023-onwards</a>
<b>BS Mass Communication</b>	<a href="https://s3h.nust.edu.pk/program/bs-mass-communication-for-fall-2023-and-onwards">https://s3h.nust.edu.pk/program/bs-mass-communication-for-fall-2023-and-onwards</a>
<b>Bachelor of Public Administration</b>	<a href="https://s3h.nust.edu.pk/program/bachelor-of-public-administration-for-fall-2023-onwards">https://s3h.nust.edu.pk/program/bachelor-of-public-administration-for-fall-2023-onwards</a>
<b>BS Psychology</b>	<a href="https://s3h.nust.edu.pk/program/bs-psychology-for-fall-2023-onwards">https://s3h.nust.edu.pk/program/bs-psychology-for-fall-2023-onwards</a>
<b>MS Economics</b>	<a href="https://s3h.nust.edu.pk/program/ms-economics">https://s3h.nust.edu.pk/program/ms-economics</a>
<b>MS Clinical Psychology</b>	<a href="https://s3h.nust.edu.pk/program/ms-clinical-psychology">https://s3h.nust.edu.pk/program/ms-clinical-psychology</a>
<b>MS Career Counseling and Education</b>	<a href="https://s3h.nust.edu.pk/program/ms-career-counseling-and-education">https://s3h.nust.edu.pk/program/ms-career-counseling-and-education</a>
<b>MS Mass Communication</b>	<a href="https://s3h.nust.edu.pk/program/ms-mass-communication">https://s3h.nust.edu.pk/program/ms-mass-communication</a>
<b>MS Governance &amp; Public Policy</b>	<a href="https://s3h.nust.edu.pk/program/ms-governance-public-policy">https://s3h.nust.edu.pk/program/ms-governance-public-policy</a>
<b>MS Development Studies</b>	<a href="https://s3h.nust.edu.pk/program/ms-development-studies">https://s3h.nust.edu.pk/program/ms-development-studies</a>
<b>PhD Economics</b>	<a href="https://s3h.nust.edu.pk/program/phd-economics">https://s3h.nust.edu.pk/program/phd-economics</a>
<b>PhD Psychology</b>	<a href="https://s3h.nust.edu.pk/program/phd-psychology">https://s3h.nust.edu.pk/program/phd-psychology</a>





**Faculty Profile:** <https://s3h.nust.edu.pk/faculty/>

**Institution Profile:** <https://s3h.nust.edu.pk/>

## School of Chemical and Materials Engineering (SCME)

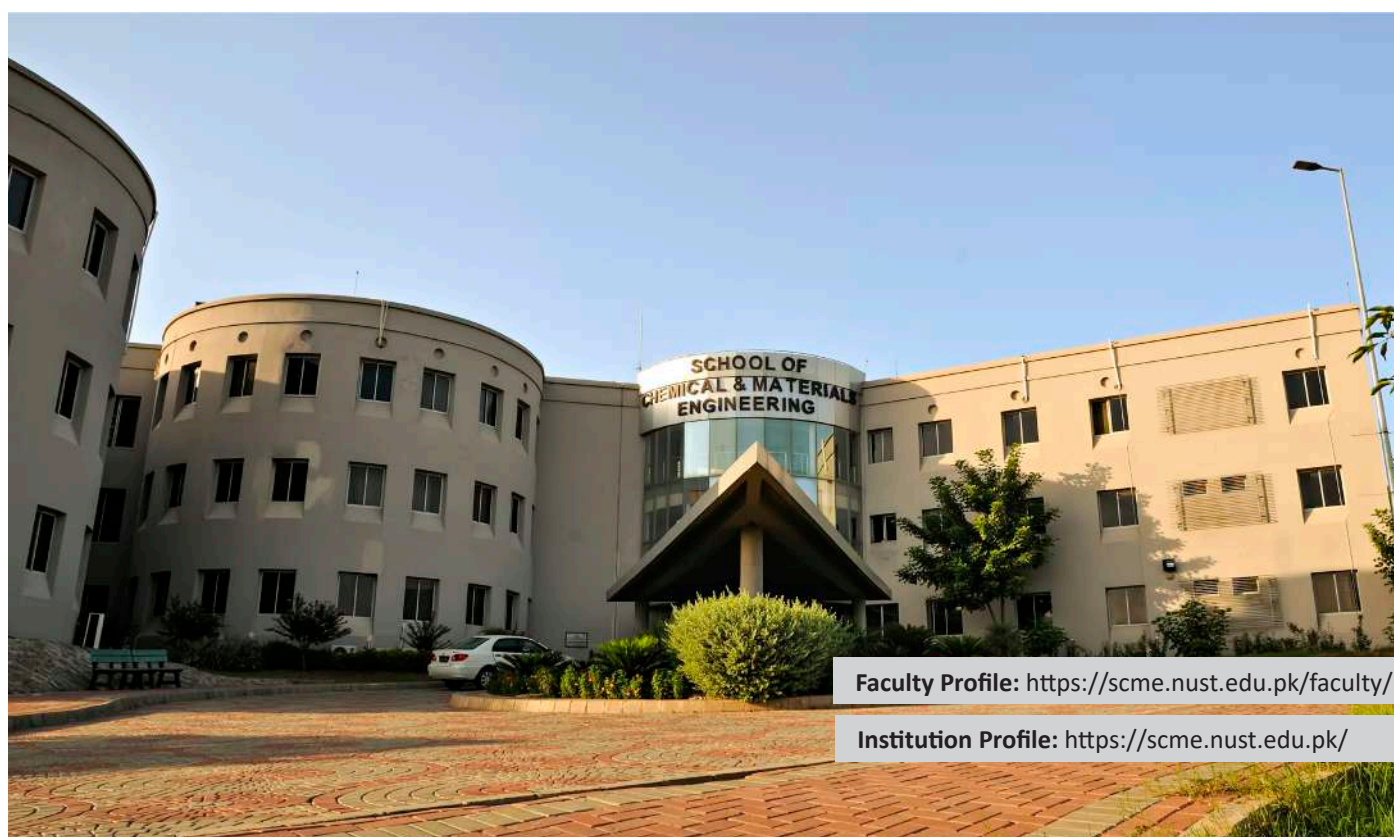
The School of Chemical and Materials Engineering (SCME) became functional in 2006 as a research-oriented school of NUST and is currently offering two undergraduate and seven postgraduate degree programmes in the twin disciplines of Chemical Engineering, Materials Engineering and Nanoscience & Engineering. Setting up an educational institution in unique and highly specialised areas is a great challenge. It is very satisfying that within four years, the postgraduate programmes stand fully established. The School has acquired the services of one of the best faculty in the country, besides establishing a rigorous self-assessment Quality Assurance process to ensure that our graduates get the best education possible. An equal emphasis is laid on development of their character and personality.

### Departments:

- » Materials Engineering
- » Chemical Engineering

### Academics Programs

Program Title	Course Outline
BE Metallurgy & Materials	<a href="https://scme.nust.edu.pk/program/bachelor-of-metallurgy-materials-for-fall-2023-onward">https://scme.nust.edu.pk/program/bachelor-of-metallurgy-materials-for-fall-2023-onward</a>
BE Chemical	<a href="https://scme.nust.edu.pk/program/bachelor-of-chemical-engineering-for-fall-2023-onward">https://scme.nust.edu.pk/program/bachelor-of-chemical-engineering-for-fall-2023-onward</a>
MS Materials and Surface Engineering	<a href="https://scme.nust.edu.pk/program/ms-materials-and-surface-engineering">https://scme.nust.edu.pk/program/ms-materials-and-surface-engineering</a>
MS Chemical Engineering	<a href="https://scme.nust.edu.pk/program/ms-chemical-engineering">https://scme.nust.edu.pk/program/ms-chemical-engineering</a>
MS Nanoscience and Engineering	<a href="https://scme.nust.edu.pk/program/ms-nanoscience-engineering">https://scme.nust.edu.pk/program/ms-nanoscience-engineering</a>
PhD Materials and Surface Engineering	<a href="https://scme.nust.edu.pk/program/phd-materials-and-surface-engineering">https://scme.nust.edu.pk/program/phd-materials-and-surface-engineering</a>
PhD Chemical Engineering	<a href="https://scme.nust.edu.pk/program/phd-chemical-engineering">https://scme.nust.edu.pk/program/phd-chemical-engineering</a>
PhD Nanoscience and Engineering	<a href="https://scme.nust.edu.pk/program/phd-nanoscience-engineering">https://scme.nust.edu.pk/program/phd-nanoscience-engineering</a>



Faculty Profile: <https://scme.nust.edu.pk/faculty/>

Institution Profile: <https://scme.nust.edu.pk/>



## School of Civil and Environmental Engineering (SCEE)

The School of Civil and Environmental Engineering (SCEE) was established in November 2008. It comprises three vibrant institutes, namely NUST Institute of Civil Engineering (NICE), Institute of Environmental Science and Engineering (IESE), and Institute of Geographical Information Systems (IGIS). SCEE is a modern and progressive school, the first of its kind that offers a wide choice of programs in the disciplines of Civil and Environmental Engineering. In BE programs, students are given the option of selecting an elective major. This means that while remaining Civil or Environmental Engineering graduates, they specialize in a particular field of their discipline. SCEE has advanced postgraduate programs in Structural Engineering, Geotechnical Engineering, Transportation Engineering, Urban and Regional Planning, Water Resource Engineering and Management, Environmental Engineering, Environmental Sciences, Remote Sensing and Geographic Information Systems and Construction Engineering and Management. The programs are tailored to equip graduates with the requisite knowledge and skills to meet the latest challenges in their respective fields. The goal of SCEE is to undertake basic and applied research to educate the next generation of academia and industry leaders and prepare students for successful careers in relevant professions. SCEE has a competent and experienced faculty, and is equipped with state-of-the-art laboratories, sophisticated equipment, and computing facilities. It has an excellent library with the latest books, journals and technical reports pertaining to relevant disciplines. It offers an enabling environment for dynamic students looking for challenging and adventurous professions, such as Civil and Environmental Engineering and Geographical Information Systems.

### Departments

#### IESE

- » Environmental Engineering
- » Environmental Sciences

#### NICE

- » Structural Engineering'
- » Geotech Engineering
- » Survey
- » Water Resources Engineering & Management
- » Transportation Engineering
- » Urban & Regional Planning
- » Construction Engineering & Management

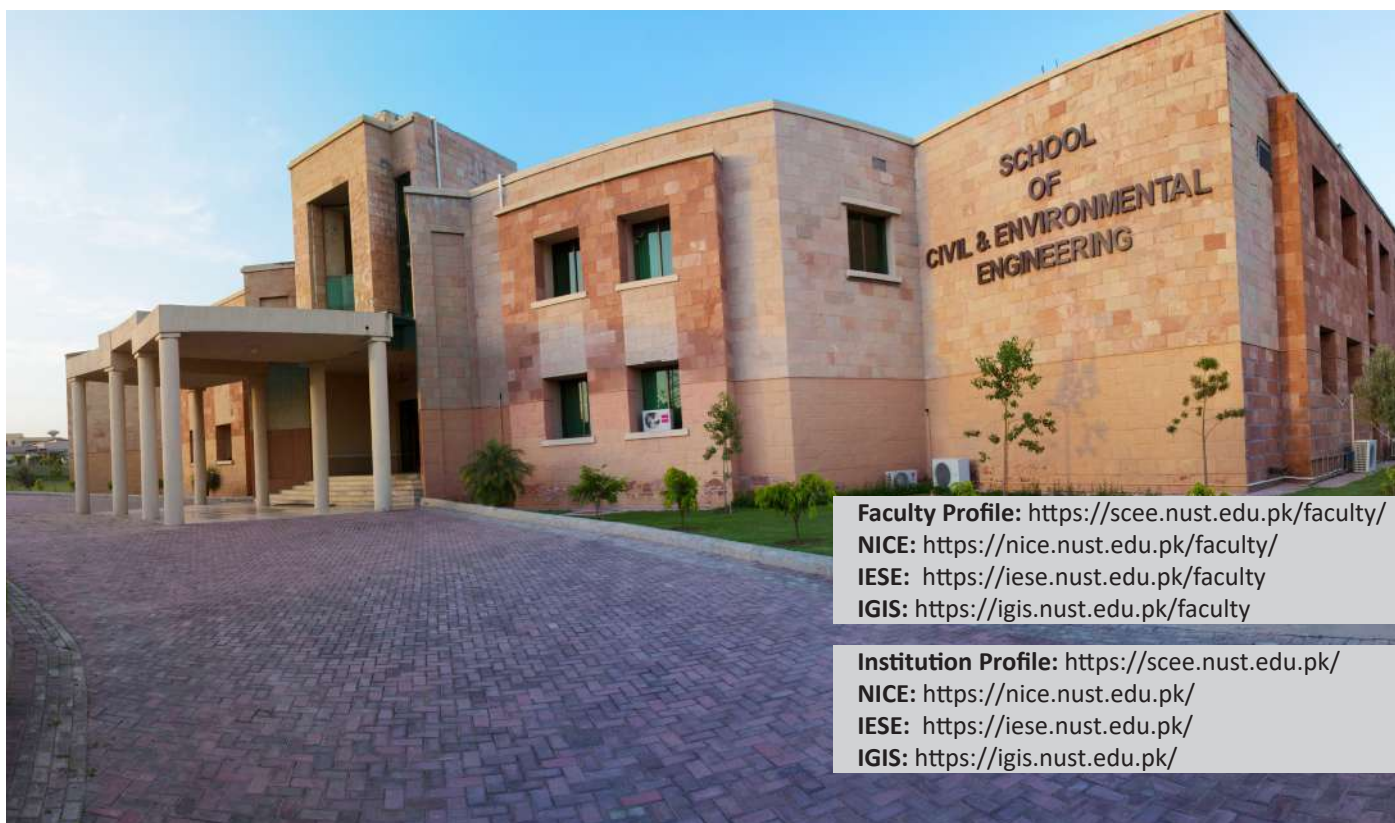
#### IGIS

- » Geoinformatics Engineering
- » Remote Sensing and GIS

### Academics Programs

Program Title	Course Outline
BE Environmental	<a href="https://scee.nust.edu.pk/program/be-environmental-engineering-for-fall-2024-onward">https://scee.nust.edu.pk/program/be-environmental-engineering-for-fall-2024-onward</a>
BS Environmental Science	<a href="https://scee.nust.edu.pk/program/bs-environmental-science">https://scee.nust.edu.pk/program/bs-environmental-science</a>
BE Civil	<a href="https://scee.nust.edu.pk/program/bachelor-in-civil-engineering-for-fall-2024-onward">https://scee.nust.edu.pk/program/bachelor-in-civil-engineering-for-fall-2024-onward</a>
BE Geoinformatics	<a href="https://scee.nust.edu.pk/program/be-geoinformatics-engineering-for-fall-2024-onward">https://scee.nust.edu.pk/program/be-geoinformatics-engineering-for-fall-2024-onward</a>
MS Transportation Engineering	<a href="https://nice.nust.edu.pk/program/ms-transportation-engineering">https://nice.nust.edu.pk/program/ms-transportation-engineering</a>
MS Structural Engineering	<a href="https://nice.nust.edu.pk/program/ms-structural-engineering">https://nice.nust.edu.pk/program/ms-structural-engineering</a>
MS Geotechnical Engineering	<a href="https://nice.nust.edu.pk/program/ms-geotechnical-engineering">https://nice.nust.edu.pk/program/ms-geotechnical-engineering</a>
MS Construction Engineering and Management	<a href="https://nice.nust.edu.pk/program/ms-construction-engineering-and-management">https://nice.nust.edu.pk/program/ms-construction-engineering-and-management</a>
MS Environmental Science	<a href="https://scee.nust.edu.pk/program/ms-environmental-science">https://scee.nust.edu.pk/program/ms-environmental-science</a>
MS Environmental Engineering	<a href="https://scee.nust.edu.pk/program/ms-environmental-engineering">https://scee.nust.edu.pk/program/ms-environmental-engineering</a>
MS Remote Sensing & Geographical Information Systems	<a href="https://scee.nust.edu.pk/program/ms-remote-sensing-and-geographical-information-systems">https://scee.nust.edu.pk/program/ms-remote-sensing-and-geographical-information-systems</a>
MS Water Resources and Hydropower Engineering	<a href="https://scee.nust.edu.pk/program/ms-water-resources-and-hydropower-engineering">https://scee.nust.edu.pk/program/ms-water-resources-and-hydropower-engineering</a>
MS Urban and Regional Planning	<a href="https://nice.nust.edu.pk/program/ms-urban-regional-planning">https://nice.nust.edu.pk/program/ms-urban-regional-planning</a>
PhD Transportation Engineering	<a href="https://scee.nust.edu.pk/program/-phd-transportation-engineering-">https://scee.nust.edu.pk/program/-phd-transportation-engineering-</a>
PhD Structural Engineering	<a href="https://nice.nust.edu.pk/program/phd-structural-engineering">https://nice.nust.edu.pk/program/phd-structural-engineering</a>
PhD Geotechnical Engineering	<a href="https://nice.nust.edu.pk/program/phd-geotechnical-engineering">https://nice.nust.edu.pk/program/phd-geotechnical-engineering</a>
PhD Construction Engineering and Management	<a href="https://nice.nust.edu.pk/program/phd-construction-engineering-and-management">https://nice.nust.edu.pk/program/phd-construction-engineering-and-management</a>
PhD Environmental Science	<a href="https://scee.nust.edu.pk/program/phd-environmental-science">https://scee.nust.edu.pk/program/phd-environmental-science</a>
PhD Environmental Engineering	<a href="https://scee.nust.edu.pk/program/phd-environmental-engineering">https://scee.nust.edu.pk/program/phd-environmental-engineering</a>

PhD Remote Sensing & Geographical Information Systems	<a href="https://scee.nust.edu.pk/program/phd-remote-sensing-and-geographical-information-systems">https://scee.nust.edu.pk/program/phd-remote-sensing-and-geographical-information-systems</a>
PhD Water Resources and Hydropower Engineering	<a href="https://scee.nust.edu.pk/program/phd-water-resources-and-hydropower-engineering">https://scee.nust.edu.pk/program/phd-water-resources-and-hydropower-engineering</a>
PhD Urban and Regional Planning	<a href="https://nice.nust.edu.pk/program/phd-urban-regional-planning">https://nice.nust.edu.pk/program/phd-urban-regional-planning</a>



**Faculty Profile:** <https://scee.nust.edu.pk/faculty/>  
**NICE:** <https://nice.nust.edu.pk/faculty/>  
**IESE:** <https://iese.nust.edu.pk/faculty>  
**IGIS:** <https://igis.nust.edu.pk/faculty>

**Institution Profile:** <https://scee.nust.edu.pk/>  
**NICE:** <https://nice.nust.edu.pk/>  
**IESE:** <https://iese.nust.edu.pk/>  
**IGIS:** <https://igis.nust.edu.pk/>



## School of Mechanical and Manufacturing Engineering (SMME)

The School of Mechanical and Manufacturing Engineering (SMME) was established in 2008. SMME was set up to prepare human resource with essential skills in Mechanical Engineering and allied renewable technologies, with specific emphasis on manufacturing, automobile, power/energy and biomedical sectors to perform effectively in the technological world. The School has state-of-the-art laboratories related to mechanical, manufacturing, robotics and biomedical fields. The School is offering an undergraduate programme in Mechanical Engineering, Aerospace Engineering and postgraduate programmes (MS & PhD) in Mechanical Engineering, Design and Manufacturing Engineering, Robotics and Intelligent Machine Engineering, Biomedical Sciences and Biomedical Engineering

### Departments

- » Mechanical Engineering
- » Design and Manufacturing Engineering
- » Robotics & Artificial Intelligence
- » Biomedical Engineering & Sciences
- » Aerospace Engineering

### Academics Programs

Program Title	Course Outline
BE Mechanical	<a href="https://smme.nust.edu.pk/program/bachelor-of-mechanical-engineering-wef-fall-2024-onwards">https://smme.nust.edu.pk/program/bachelor-of-mechanical-engineering-wef-fall-2024-onwards</a>
BE Aerospace	<a href="https://smme.nust.edu.pk/program/bachelor-of-aerospace-engineering-smme">https://smme.nust.edu.pk/program/bachelor-of-aerospace-engineering-smme</a>
MS Mechanical Engineering	<a href="https://smme.nust.edu.pk/program/ms-mechanical-engineering">https://smme.nust.edu.pk/program/ms-mechanical-engineering</a>
MS Design & Manufacturing Engineering	<a href="https://smme.nust.edu.pk/program/ms-design-and-manufacturing-engineering">https://smme.nust.edu.pk/program/ms-design-and-manufacturing-engineering</a>
MS Robotics and Artificial Intelligence Engineering	<a href="https://smme.nust.edu.pk/program/ms-robotics-and-artificial-intelligence-engineering">https://smme.nust.edu.pk/program/ms-robotics-and-artificial-intelligence-engineering</a>
MS Biomedical Engineering	<a href="https://smme.nust.edu.pk/program/ms-biomedical-engineering">https://smme.nust.edu.pk/program/ms-biomedical-engineering</a>
MS Biomedical Sciences	<a href="https://smme.nust.edu.pk/program/ms-biomedical-sciences">https://smme.nust.edu.pk/program/ms-biomedical-sciences</a>
PhD Mechanical Engineering	<a href="https://smme.nust.edu.pk/program/phd-mechanical-engineering">https://smme.nust.edu.pk/program/phd-mechanical-engineering</a>
PhD Design and Manufacturing Engineering	<a href="https://smme.nust.edu.pk/program/phd-design-and-manufacturing-engineering">https://smme.nust.edu.pk/program/phd-design-and-manufacturing-engineering</a>
PhD Robotics and Artificial Intelligence Engineering	<a href="https://smme.nust.edu.pk/program/phd-robotics-and-artificial-intelligence-engineering">https://smme.nust.edu.pk/program/phd-robotics-and-artificial-intelligence-engineering</a>
PhD Biomedical Engineering	<a href="https://smme.nust.edu.pk/program/phd-biomedical-engineering">https://smme.nust.edu.pk/program/phd-biomedical-engineering</a>
PhD Biomedical Sciences	<a href="https://smme.nust.edu.pk/program/phd-biomedical-sciences">https://smme.nust.edu.pk/program/phd-biomedical-sciences</a>



**Faculty Profile:** <https://smme.nust.edu.pk/faculty/>

**Institution Profile:** <https://smme.nust.edu.pk/>

## School of Art, Design and Architecture (SADA)

Established in 2010, the School of Art, Design & Architecture (SADA) has evolved into a dynamic creative community. In its brief thirteen-year history, SADA has gained market recognition for producing highly trained, market-ready professionals, contributing significantly to the fields of architecture and design, as well as academia. Collaborating with renowned institutions globally, including the Middle East Technical University (METU), Universiti Teknoliji Malaysia (UTM), TU Dortmund, the German Academic Exchange Service (DAAD), the World Design Organization (WDO), and more, SADA aligns itself with world-class initiatives on research and academics. Owing to these international linkages, programs offered at SADA are well recognized globally, which lends itself to most graduates acquiring scholarships and placements at some of the leading schools in the world. Our local partnerships, spanning NGOs, design firms, and government organizations add substantial value to our academic endeavors.

In recent years, SADA has expanded its research output with a focus on the Sustainable Development Goals (SDGs) and in alignment with the Research Priority Areas defined by the HEC and Planning Commission of Pakistan. The curriculum at SADA emphasizes studio-based learning for undergraduate and postgraduate students, fostering a design-centric approach to real-world problem-solving. Radical and creative thinking is promoted through experimental learning in the studios and labs, as well as through workshops, seminars, and international conferences. Rapid prototyping and digital ideation technologies are introduced to the students to enable competitiveness in the international market.

Facilities at SADA, including the labs, workshops, and studios, are continually upgraded to cater to the fast-evolving challenges of the local and international market. Striving to be recognized among the region's best design schools, SADA offers the following competitive programs: Bachelor of Architecture (B.Arch), Bachelor of Industrial Design (B.ID), and Masters in Architectural Design (M.Arch). With a diverse faculty contributing to applied, empirical, and exploratory research, SADA aims for excellence and distinction in design education.

### Departments

- » Industrial Design
- » Architecture

### Academics Programs

Program Title	Course Outline
Bachelor of Architecture	<a href="https://sada.nust.edu.pk/program/bachelor-of-architecture-for-fall-2023-onwards">https://sada.nust.edu.pk/program/bachelor-of-architecture-for-fall-2023-onwards</a>
Bachelor of Industrial Design	<a href="https://sada.nust.edu.pk/program/bachelor-of-industrial-design-for-fall-2023-onwards">https://sada.nust.edu.pk/program/bachelor-of-industrial-design-for-fall-2023-onwards</a>
Masters in Architectural Design	<a href="https://sada.nust.edu.pk/program/masters-in-architectural-design">https://sada.nust.edu.pk/program/masters-in-architectural-design</a>



Faculty Profile: <https://sada.nust.edu.pk/faculty/>

Institution Profile: <https://sada.nust.edu.pk/>



## School of Interdisciplinary Engineering and Sciences (SINES)

School of Interdisciplinary Engineering & Sciences (SINES), a flagship School of NUST, was established in February 2022 to promote and cultivate interdisciplinary education & research and respond to the contemporary challenges that require cross-cutting knowledge & expertise from multiple domains. Its legacy dates to 2007, when it operated as a post-graduate Research Centre for Modelling & Simulation (RCMS). SINES is implementing its vision through three mechanisms. Firstly, it offers interdisciplinary & multi-school academic programs through its unique and flexible academic structure, enabling excellence of instruction and efficient resource utilization. Secondly, to promote interdisciplinary research, 30 high-end research labs from 11 NUST Schools have been co-located under one roof and working in diverse domains, including AI, Robotics, IoT, Chip Design, Biotechnology, Bioinformatics, Cyber Security, Radar Technology, Renewable Energy, AR-VR and more. These labs are clustered into five SDG-inspired themes, namely i. Energy and Environment, ii. Health and Well-Being, iii. Agriculture and Food Security, iv. Sensors and Automation and v. Materials and Manufacturing. The labs are supported by a central High-Performance-Computer (HPC) clocking at 1000-Teraflops, making it the fastest computer in the academic sector of Pakistan. The third pillar of the SINES strategy is to invite industry R&D design centres and labs that can provide engagement avenues with the relevant research labs and its students & faculty. As a result, design centres of foreign companies including Turkish Aerospace Industries (TAI), DreamBig Semiconductors and Arçelik and local companies including RapidsAI, Resolve, Ghandara Dynamics have been established. In collaboration with Jazz, SINES also has the privilege to host country's only 5G Innovation Lab housing end-to-end 5G network infrastructure for R&D purpose. Lastly, a well equipped Makers Lab, inspired by Stanford's d.School, is also part of the SINES ecosystem to promote creativity and collaboration.

### Departments

- » Engineering
- » Sciences

### Academics Programs

Program Title	Course Outline
BS Bioinformatics	<a href="https://sines.nust.edu.pk/program/bs-bioinformatics">https://sines.nust.edu.pk/program/bs-bioinformatics</a>
MS Computational Science and Engineering	<a href="https://sines.nust.edu.pk/program/ms-computational-science-and-engineering/">https://sines.nust.edu.pk/program/ms-computational-science-and-engineering/</a>
MS Systems Engineering	<a href="https://sines.nust.edu.pk/program/ms-systems-engineering">https://sines.nust.edu.pk/program/ms-systems-engineering</a>
MS Bioinformatics	<a href="https://sines.nust.edu.pk/program/ms-bioinformatics">https://sines.nust.edu.pk/program/ms-bioinformatics</a>
MS Climate Change & Sustainable Development	<a href="https://sines.nust.edu.pk/program/ms-climate-change-sustainable-development">https://sines.nust.edu.pk/program/ms-climate-change-sustainable-development</a>
PhD Computational Science and Engineering	<a href="https://sines.nust.edu.pk/program/phd-computational-science-and-engineering">https://sines.nust.edu.pk/program/phd-computational-science-and-engineering</a>
PhD Bioinformatics	<a href="https://sines.nust.edu.pk/program/phd-bioinformatics">https://sines.nust.edu.pk/program/phd-bioinformatics</a>
PhD Climate Change & Sustainable Development	<a href="https://sines.nust.edu.pk/program/phd-climate-change-sustainable-development">https://sines.nust.edu.pk/program/phd-climate-change-sustainable-development</a>



**Faculty Profile:** <https://sines.nust.edu.pk/faculty/>

**Institution Profile:** <https://sines.nust.edu.pk/>

## School of Natural Sciences (SNS)

Established in May 2004, School of Natural Sciences (SNS) formerly known as Centre for Advanced Mathematics and Physics (CAMP), is a young and thriving school that contributes vitally to the research output of not only NUST but also of the country. The research carried out at SNS is regularly published in international journals of repute. SNS offers MS and PhD programmes in the fields of Mathematics, Physics, Chemistry, Statistics, and an exciting four-year undergraduate programme leading to the Bachelor of Science (BS) in Mathematics, Physics and Chemistry. Our postgraduate programmes emphasize breadth of understanding in the core areas of Mathematics, Physics, Chemistry and Statistics in addition to demonstrating mastery in diverse research dimensions that are pursued at SNS.

### Departments

- » Physics
- » Mathematics
- » Chemistry

### Academics Programs

Program Title	Course Outline
BS Mathematics	<a href="https://sns.nust.edu.pk/program/bachelor-of-science-in-mathematics-for-fall-2023-onwards">https://sns.nust.edu.pk/program/bachelor-of-science-in-mathematics-for-fall-2023-onwards</a>
BS Physics	<a href="https://sns.nust.edu.pk/program/bachelor-of-science-in-physics-for-fall-2023-onwards">https://sns.nust.edu.pk/program/bachelor-of-science-in-physics-for-fall-2023-onwards</a>
BS Chemistry	<a href="https://sns.nust.edu.pk/program/bachelor-of-science-in-chemistry-for-fall-2023-onwards">https://sns.nust.edu.pk/program/bachelor-of-science-in-chemistry-for-fall-2023-onwards</a>
MS Mathematics	<a href="https://sns.nust.edu.pk/program/ms-mathematics">https://sns.nust.edu.pk/program/ms-mathematics</a>
MS Physics	<a href="https://sns.nust.edu.pk/program/ms-physics">https://sns.nust.edu.pk/program/ms-physics</a>
MS Chemistry	<a href="https://sns.nust.edu.pk/program/ms-chemistry">https://sns.nust.edu.pk/program/ms-chemistry</a>
PhD Mathematics	<a href="https://sns.nust.edu.pk/program/phd-mathematics">https://sns.nust.edu.pk/program/phd-mathematics</a>
PhD Physics	<a href="https://sns.nust.edu.pk/program/phd-physics">https://sns.nust.edu.pk/program/phd-physics</a>
PhD Chemistry	<a href="https://sns.nust.edu.pk/program/phd-chemistry">https://sns.nust.edu.pk/program/phd-chemistry</a>
PhD Statistics	<a href="https://sns.nust.edu.pk/program/phd-statistics">https://sns.nust.edu.pk/program/phd-statistics</a>



Faculty Profile: <https://sns.nust.edu.pk/faculty/>

Institution Profile: <https://sns.nust.edu.pk/>



## Atta-ur-Rahman School of Applied Biosciences (ASAB)

The Atta-ur-Rahman School of Applied Biosciences (ASAB) was founded in October 2007 as the NUST Centre of Virology and Immunology (NCVI) to provide state-of-the-art research and teaching facilities in Virology and Immunology. In 2012, ASAB was renamed in honor of Prof. Dr. Atta-ur-Rahman, a highly distinguished scientist from Pakistan who has received several prestigious awards including Hilal-i-Imtiaz (HI), Tamgha-i-Imtiaz (TI), and Fellow of Royal Society (FRS) for his exceptional contributions in the field. It is a leading institution in applied biology in Pakistan, offering dynamic interdisciplinary undergraduate and graduate programs that equip students with the skills and knowledge necessary for research and teaching in both pure molecular and applied biology. The faculty members of our esteemed institution are distinguished experts in the fields of Health, Plant, and Industrial Biotechnology. Their extensive knowledge and experience encompass a broad spectrum of disciplines, including but not limited to virology, Molecular Biology, Plant Biology, Biochemistry, Medicine, Neurobiology, Rheumatology, Immunology, Oncology, Phytochemistry, Molecular Phylogenetics, Cell Signaling, Regenerative Medicine, and Agribusiness Management. Our faculty comprises accomplished professionals with a proven track record of advancing their respective fields through cutting-edge research and innovative solutions. Their diverse areas of expertise bring a wealth of knowledge and experience to our institution, which benefits students and researchers alike. ASAB's research and training programs are built on a foundation of strong collaborations with other institutions in Pakistan and abroad. The school offers two BS (Biotechnology + Food Science and Technology), five MS (Plant Biotechnology, Healthcare Biotechnology, Industrial Biotechnology, Molecular Medicine, and Agribusiness Management), and one Ph.D. (Applied Biosciences) degree program, providing a comprehensive educational experience for students seeking to advance their careers in the field of applied biosciences.

### Departments

- » Plant Biotechnology
- » Industrial Biotechnology
- » Healthcare Biotechnology

### Academics Programs

Program Title	Course Outline
BS Biotechnology	<a href="https://asab.nust.edu.pk/program/bs-biotechnology">https://asab.nust.edu.pk/program/bs-biotechnology</a>
BS Food Science and Technology	<a href="https://asab.nust.edu.pk/program/bs-food-science-and-technology">https://asab.nust.edu.pk/program/bs-food-science-and-technology</a>
Bachelor of Science in Agriculture	<a href="https://asab.nust.edu.pk/program/bachelor-of-science-in-agriculture">https://asab.nust.edu.pk/program/bachelor-of-science-in-agriculture</a>
MS Healthcare Biotechnology	<a href="https://asab.nust.edu.pk/program/ms-healthcare-biotechnology">https://asab.nust.edu.pk/program/ms-healthcare-biotechnology</a>
MS Industrial Biotechnology	<a href="https://asab.nust.edu.pk/program/ms-industrial-biotechnology">https://asab.nust.edu.pk/program/ms-industrial-biotechnology</a>
MS Plant Biotechnology	<a href="https://asab.nust.edu.pk/program/ms-plant-biotechnology">https://asab.nust.edu.pk/program/ms-plant-biotechnology</a>
MS Agribusiness Management	<a href="https://asab.nust.edu.pk/program/ms-agribusiness-management">https://asab.nust.edu.pk/program/ms-agribusiness-management</a>
MS Molecular Medicine	<a href="https://asab.nust.edu.pk/program/ms-molecular-medicine">https://asab.nust.edu.pk/program/ms-molecular-medicine</a>
PhD Applied Biosciences	<a href="https://asab.nust.edu.pk/program/phd-applied-biosciences">https://asab.nust.edu.pk/program/phd-applied-biosciences</a>



#### Faculty Profile:

<https://asab.nust.edu.pk/faculty/?depart=ASAB-PBT>

<https://asab.nust.edu.pk/faculty/?depart=ASAB-IBT>

<https://asab.nust.edu.pk/faculty/?depart=ASAB-HBT>

**Institution Profile:** <https://asab.nust.edu.pk/>

## US-Pak Center for Advanced Studies in Energy (USPCAS-E)

The U.S.-Pakistan Center for Advanced Studies in Energy (USPCAS-E) at the National University of Sciences and Technology (NUST) is a collaborative initiative between Pakistan and the United States. Focused on addressing Pakistan's energy challenges, the center emphasizes research, innovation, and education in the energy-related fields. USPCAS-E at NUST focuses on various aspects of energy, including research, technology development, policy analysis, and human resource development. The primary objectives of USPCAS-E at NUST revolve around identifying sustainable and cost-effective energy solutions. These objectives further encompass the integration of renewable energy sources into Pakistan's energy mix, aiming to contribute to a more environmentally friendly and resilient energy infrastructure. Through workshops and training sessions, the center equips students and professionals with skills to tackle energy issues effectively. By fostering partnerships between academia and industry and promoting innovation, USPCAS-E NUST contributes to developing sustainable and affordable energy solutions for Pakistan. The Center offers both MS and PhD in Energy Systems Engineering, Thermal Energy Engineering and Electrical Engineering Power programs.

### Departments

- » Electrical Power Engineering
- » Thermal Energy Engineering
- » Energy Systems Engineering

### Academics Programs

Program Title	Course Outline
MS Energy Systems Engineering	<a href="https://uspcase.nust.edu.pk/program/ms-energy-systems-engineering">https://uspcase.nust.edu.pk/program/ms-energy-systems-engineering</a>
MS Thermal Energy Engineering	<a href="https://uspcase.nust.edu.pk/program/ms-thermal-energy-engineering-/">https://uspcase.nust.edu.pk/program/ms-thermal-energy-engineering-/</a>
MS Electrical Engineering (Power)	<a href="https://uspcase.nust.edu.pk/program/ms-electrical-engineering-power">https://uspcase.nust.edu.pk/program/ms-electrical-engineering-power</a>
MS Renewable Engineering	<a href="https://uspcase.nust.edu.pk/program/ms-renewable-energy">https://uspcase.nust.edu.pk/program/ms-renewable-energy</a>
PhD Energy Systems Engineering	<a href="https://uspcase.nust.edu.pk/program/phd-energy-systems-engineering">https://uspcase.nust.edu.pk/program/phd-energy-systems-engineering</a>
PhD Thermal Energy Engineering	<a href="https://uspcase.nust.edu.pk/program/phd-thermal-energy-engineering">https://uspcase.nust.edu.pk/program/phd-thermal-energy-engineering</a>
PhD Electrical Engineering (Power)	<a href="https://uspcase.nust.edu.pk/program/phd-electrical-engineering-power">https://uspcase.nust.edu.pk/program/phd-electrical-engineering-power</a>



**Faculty Profile:** [https:// uspcase.nust.edu.pk/faculty/](https://uspcase.nust.edu.pk/faculty/)

**Institution Profile:** <https://uspcase.nust.edu.pk/>



## NUST Institute of Peace and Conflict Studies (NIPCONS)

NUST Institute of Peace and Conflict Studies (NIPCONS), hosting the Department of Military Art and Science (MAS) was established in December 2009. The department offers the Bachelor of Military Arts and Science (BMAS) program, duly recognized by Higher Education Commission (HEC). This program is meticulously crafted to impart a comprehensive understanding of the art and science of warfare, aiming to educate prospective military leaders. It plays a pivotal role in shaping the intellectual horizons of emerging officers within the Pakistan Army, as it constitutes an integral part of the training regimen for all newly commissioned officers.

Furthermore, NIPCONS aspires to attain the status of a Center of Excellence in Peace and Conflict Studies and UN peacekeeping training. To realize this vision, the Center for International Peace and Stability (CIPS) was established on March 1, 2013, with subsequent official inauguration by UNSG Ban Ki-moon on August 13, 2013. CIPS stands as a unique institution dedicated exclusively to research and training pertaining to UN Peacekeeping Operations (UNPKOs).

Within the realm of UN Peacekeeping training and Peace and Conflict Studies, CIPS stands as a unique institution. It also offers a diverse range of academic programs, including Master of Science (MS) and Doctor of Philosophy (PhD) programs in Peace and Conflict Studies (PCS) and Strategic Studies (SS). These programs are designed to equip students with the requisite knowledge and skills, nurturing them into experts in the respective fields. Notably, CIPS extends its commitment to excellence by providing pre-deployment training for United Nations Peacekeeping missions in adherence to the guidelines established by the United Nations Integrated Training Service (UNITS).

## Center for International Peace and Conflict Studies (CIPS)

### Departments

- » Peacekeeping Training
- » Peace and Conflict Studies
- » Research and Analysis Cell

### Academics Programs

Program Title	Course Outline
MS Peace & Conflict Studies	<a href="https://cips.nust.edu.pk/program/ms-peace-conflict-studies">https://cips.nust.edu.pk/program/ms-peace-conflict-studies</a>
MS Strategic Studies	<a href="https://cips.nust.edu.pk/program/ms-strategic-studies">https://cips.nust.edu.pk/program/ms-strategic-studies</a>
PhD Peace & Conflict Studies	<a href="https://cips.nust.edu.pk/program/phd-peace-conflict-studies">https://cips.nust.edu.pk/program/phd-peace-conflict-studies</a>



**Faculty Profile:** <https://cips.nust.edu.pk/faculty/>

**Institution Profile:** <https://cips.nust.edu.pk/>

# NUST Law School (NLS)

The Legum Baccalaureus (Latin for the) Bachelor of Laws (LL.B.) program at The School of Social Sciences and Humanities (S3H) was launched in 2020. Initially, the program was adopted by establishing the department of law at S3H. With an overwhelming response from all the stakeholders the management at NUST took the initiative of establishing a separate Law School i.e. the NUST Law School. This initiative allows the Law School to adapt with modern ways of legal education which includes but not restricted to the critical analysis of relevant legal issues and fostering professional learning through the different modes of clinical legal education. This initiative aligns with NUST's commitment to fostering interdisciplinary education and producing graduates with the skills needed for the evolving global landscape.

## Departments

» Law

## Academics Programs

Program Title	Course Outline
Bachelor of Laws (LLB)	<a href="https://nls.nust.edu.pk/program/bachelor-of-laws-for-fall-2024-onwards">https://nls.nust.edu.pk/program/bachelor-of-laws-for-fall-2024-onwards</a>



Faculty Profile: <https://nls.nust.edu.pk/faculty/>

Institution Profile: <https://nls.nust.edu.pk/>



## NUST School of Health Sciences (NSHS)

National University of Sciences & Technology (NUST), established in 1991 and envisioned to progress as the center of excellence for scientific and technological progress, proudly announces the establishment of the new NUST School of Health Sciences (NSHS). Building upon the legacy of excellence of the parent university, NSHS endeavors to provide state-of-the-art infrastructure and highly qualified experienced faculty for aspiring medical students. The college endeavors to foster a culture of research, innovation, and community engagement, ensuring that its graduates are well-prepared to tackle the complex challenges emerging in healthcare. NSHS opens doors to aspiring medical students from the country and abroad and welcomes them to be part of a dynamic and progressive learning environment. NSHS will provide a platform to embark on a transformative educational journey, where students will have access to world-class resources, mentorship from renowned faculty members, and opportunities to engage in cutting-edge research.

With a strong emphasis on sound modern scientific foundations, practical training, interdisciplinary collaboration, and ethical values, NSHS is poised to produce high-quality future healthcare leaders capable of setting new standards and defining the future of the medical sciences and profession.

NSHS is housed in a purpose-built, beautiful state-of-the-art building, located in the main NUST Campus, Islamabad. NSHS has easy access from Srinagar Highway, Benazir Bhutto International Airport Islamabad, and M1 motorway and is close to many tourist attractions, museums, theaters, parks, shopping centers, and an international diplomatic enclave.

The serene city of Islamabad, the federal capital of Pakistan, is known for its universities, colleges, and research organizations, providing a vibrant academic and cultural environment. The city has a climate with warm summers, refreshing monsoons, pleasant autumn, cold winters, and a blossoming spring.

### Departments

- » Anatomy
- » Physiology
- » Biochemistry
- » Pathology and Laboratory Medicine
- » Pharmacology
- » Forensic Medicine and Toxicology
- » Community Medicine
- » Medical Education
- » General Medicine
- » Surgery
- » Clinical Skill Lab
- » Quality Assurance
- » Paediatrics
- » Obstetrics & Gynaecology
- » ENT
- » Ophthalmology
- » Cardiology
- » Neurology
- » Nephrology
- » Gastroenterology
- » Radiology
- » Endocrinology
- » Psychiatry
- » Dermatology
- » Rheumatology
- » Orthopaedics
- » Urology
- » Plastic Surgery
- » Accident and Emergency
- » Anaesthesia

### Academics Programs

Program Title	Course Outline
<b>MBBS</b>	<a href="https://nshs.nust.edu.pk/program/mbbs--%E2%80%8Bbachelor-of-medicine,-bachelor-of-surgery">https://nshs.nust.edu.pk/program/mbbs--%E2%80%8Bbachelor-of-medicine,-bachelor-of-surgery</a>
<b>BS Human Nutrition and Dietetics</b>	<a href="https://nshs.nust.edu.pk/program/bs-human-nutrition-and-dietetics">https://nshs.nust.edu.pk/program/bs-human-nutrition-and-dietetics</a>



**Institution Profile:** <https://nshs.nust.edu.pk>

**Basic Science Faculty:** <https://nshs.nust.edu.pk/faculty/>

**Clinical Faculty:** <https://nshs.nust.edu.pk/clinical-faculty/>

## Military College of Signals (MCS)

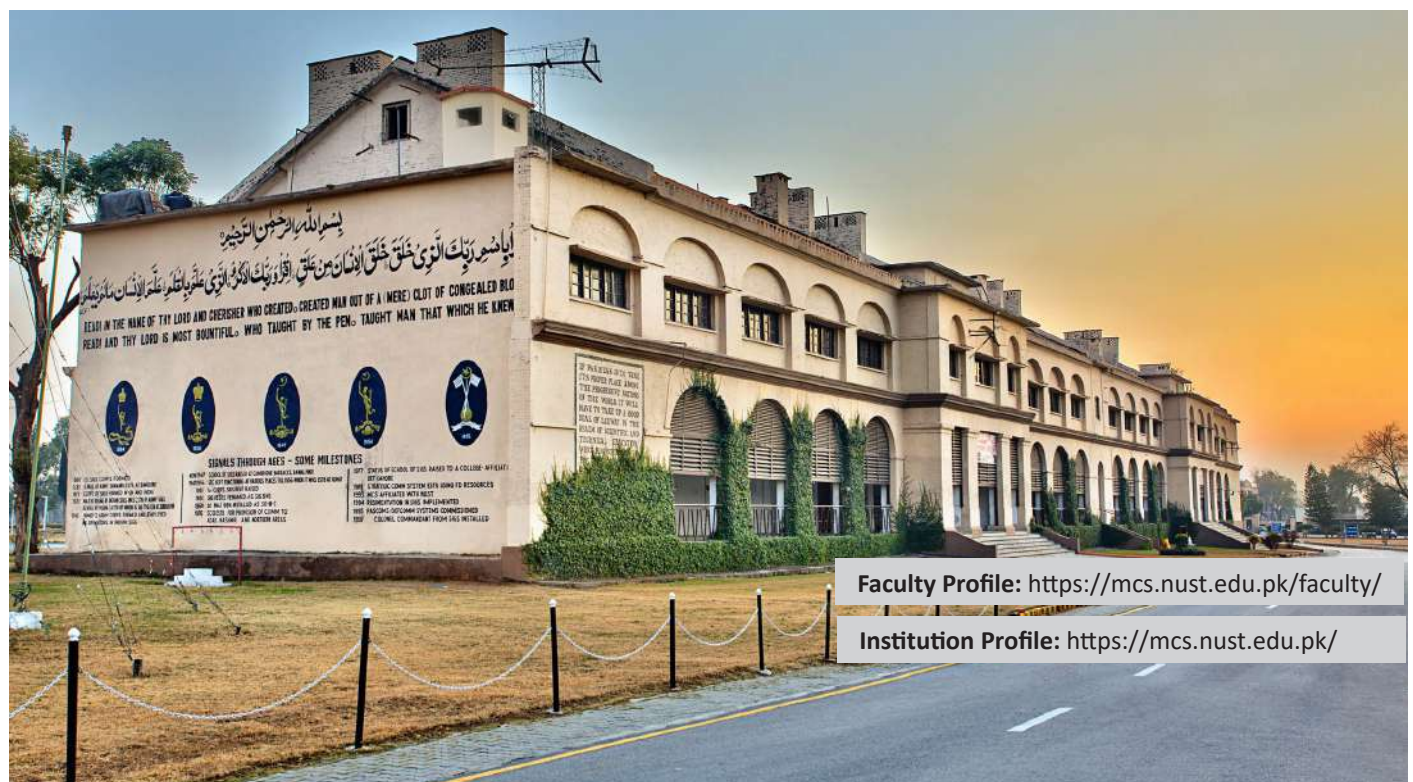
Since its inception, the Military College of Signals (MCS) has matured into a premier college of NUST and a center of professional excellence. MCS was established in 1947 as School of Signals. In 1960, it was affiliated with Royal School of Signals to fulfil the requirements of Pakistan Army in the field of Telecommunication Engineering. In 1977, it was affiliated with University of Engineering and Technology, Lahore for award of Telecommunication degree, thereby gaining its elevation as Military College of Signals. In 1991, MCS became a constituent college of National University of Sciences and Technology (NUST). The College also started undergraduate and postgraduate programmes in Software Engineering and postgraduate programme in Telecommunication, System Engineering and Information Security.

### Departments

- » Information Security
- » Electrical Engineering
- » Humanities & Basic Sciences
- » Computer Software Engineering

### Academics Programs

Program Title	Course Outline
BE Electrical	<a href="https://mcs.nust.edu.pk/program/bachelor-in-electrical-engineering-for-fall-2024-onward">https://mcs.nust.edu.pk/program/bachelor-in-electrical-engineering-for-fall-2024-onward</a>
BE Software	<a href="https://mcs.nust.edu.pk/program/bachelor-of-software-engineering-for-fall-2024-onward">https://mcs.nust.edu.pk/program/bachelor-of-software-engineering-for-fall-2024-onward</a>
BE Information Security	<a href="https://mcs.nust.edu.pk/program/bachelor-of-engineering-in-information-security-from-fall-2024-onwards">https://mcs.nust.edu.pk/program/bachelor-of-engineering-in-information-security-from-fall-2024-onwards</a>
MS Electrical Engineering	<a href="https://mcs.nust.edu.pk/program/ms-electrical-engineering">https://mcs.nust.edu.pk/program/ms-electrical-engineering</a>
MS Software Engineering	<a href="https://mcs.nust.edu.pk/program/ms-software-engineering">https://mcs.nust.edu.pk/program/ms-software-engineering</a>
MS Information Security	<a href="https://mcs.nust.edu.pk/program/ms-information-security">https://mcs.nust.edu.pk/program/ms-information-security</a>
MS Computer Science	<a href="https://mcs.nust.edu.pk/program/ms-computer-science">https://mcs.nust.edu.pk/program/ms-computer-science</a>
PhD Electrical Engineering	<a href="https://mcs.nust.edu.pk/program/phd-electrical-engineering">https://mcs.nust.edu.pk/program/phd-electrical-engineering</a>
PhD Software Engineering	<a href="https://mcs.nust.edu.pk/program/phd-software-engineering">https://mcs.nust.edu.pk/program/phd-software-engineering</a>
PhD Information Security	<a href="https://mcs.nust.edu.pk/program/phd-information-security">https://mcs.nust.edu.pk/program/phd-information-security</a>
PhD Computer Science	<a href="https://mcs.nust.edu.pk/program/phd-computer-science">https://mcs.nust.edu.pk/program/phd-computer-science</a>



Faculty Profile: <https://mcs.nust.edu.pk/faculty/>

Institution Profile: <https://mcs.nust.edu.pk/>



## College of Electrical and Mechanical Engineering (CoEME)

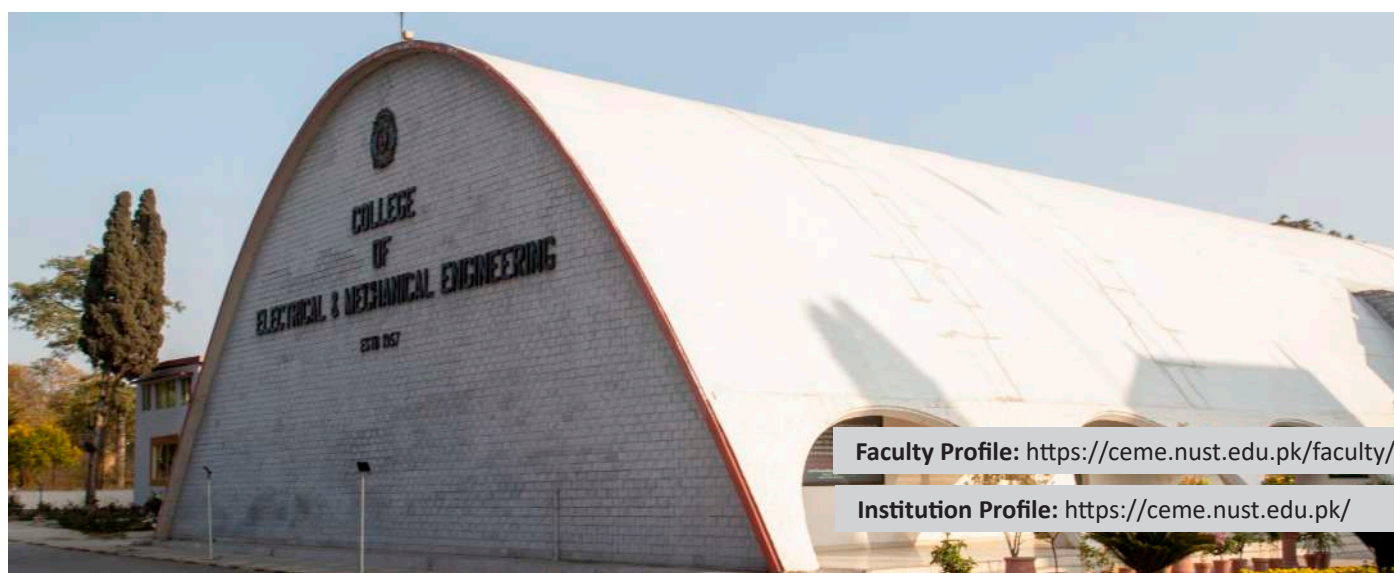
EME is situated along the Grand Trunk Road, at Rawalpindi-Islamabad nexus. Fascinating locale and congenial environment are indeed the hallmarks of this institution. It enjoys the distinction of being the largest constituent college of NUST in terms of doctoral positions in the faculty, student enrolment, diversity of training programmes, research and higher education, infrastructure and facilities. The College attained ISO-9001 certification in 1999; 9001-2000 in 2003 and 9001-2008 in 2009. It has been earning distinctions and acknowledgement in quality assurance and PEC accreditation evaluation. It offers a rich assortment of degree programmes ranging from undergraduate to postgraduate programmes in diverse disciplines, the main fields being Electrical, Mechanical, Software, Computer and Mechatronics Engineering as well as Engineering Management.

### Departments

- » Electrical Engineering
- » Mechanical Engineering
- » Computer and Software Engineering
- » Mechatronics Engineering
- » Engineering Management
- » Basic Sciences and Humanities

### Academics Programs

Program Title	Course Outline
BE Electrical	<a href="https://ceme.nust.edu.pk/program/bachelor-in-electrical-engineering-for-fall-2024-onward">https://ceme.nust.edu.pk/program/bachelor-in-electrical-engineering-for-fall-2024-onward</a>
BE Mechanical	<a href="https://ceme.nust.edu.pk/program/bachelor-of-mechanical-engineering-wef-fall-2024-onwards">https://ceme.nust.edu.pk/program/bachelor-of-mechanical-engineering-wef-fall-2024-onwards</a>
BE Computer	<a href="https://ceme.nust.edu.pk/program/bachelor-of-computer-engineering-for-fall-2023-onward-ceme">https://ceme.nust.edu.pk/program/bachelor-of-computer-engineering-for-fall-2023-onward-ceme</a>
BE Mechatronics	<a href="https://ceme.nust.edu.pk/program/bachelor-of-mechatronics-engineering-for-fall-2024-and-onward">https://ceme.nust.edu.pk/program/bachelor-of-mechatronics-engineering-for-fall-2024-and-onward</a>
MS Electrical Engineering	<a href="https://ceme.nust.edu.pk/program/ms-electrical-engineering">https://ceme.nust.edu.pk/program/ms-electrical-engineering</a>
MS Mechanical Engineering	<a href="https://ceme.nust.edu.pk/program/ms-mechanical-engineering">https://ceme.nust.edu.pk/program/ms-mechanical-engineering</a>
MS Computer Engineering	<a href="https://ceme.nust.edu.pk/program/ms-computer-engineering">https://ceme.nust.edu.pk/program/ms-computer-engineering</a>
MS Software Engineering	<a href="https://ceme.nust.edu.pk/program/ms-software-engineering">https://ceme.nust.edu.pk/program/ms-software-engineering</a>
MS Mechatronics Engineering	<a href="https://ceme.nust.edu.pk/program/ms-mechatronics-engineering">https://ceme.nust.edu.pk/program/ms-mechatronics-engineering</a>
MS Engineering Management	<a href="https://ceme.nust.edu.pk/program/ms-engineering-management">https://ceme.nust.edu.pk/program/ms-engineering-management</a>
MS Applied Mathematics	<a href="https://ceme.nust.edu.pk/program/ms-applied-mathematics">https://ceme.nust.edu.pk/program/ms-applied-mathematics</a>
MS Artificial Intelligence	<a href="https://ceme.nust.edu.pk/program/ms-artificial-intelligence">https://ceme.nust.edu.pk/program/ms-artificial-intelligence</a>
PhD Electrical Engineering	<a href="https://ceme.nust.edu.pk/program/phd-electrical-engineering">https://ceme.nust.edu.pk/program/phd-electrical-engineering</a>
PhD Mechanical Engineering	<a href="https://ceme.nust.edu.pk/program/phd-mechanical-engineering">https://ceme.nust.edu.pk/program/phd-mechanical-engineering</a>
PhD Computer Engineering	<a href="https://ceme.nust.edu.pk/program/phd-computer-engineering">https://ceme.nust.edu.pk/program/phd-computer-engineering</a>
PhD Software Engineering	<a href="https://ceme.nust.edu.pk/program/phd-software-engineering">https://ceme.nust.edu.pk/program/phd-software-engineering</a>
PhD Mechatronics Engineering	<a href="https://ceme.nust.edu.pk/program/phd-mechatronics-engineering">https://ceme.nust.edu.pk/program/phd-mechatronics-engineering</a>
PhD Engineering Management	<a href="https://ceme.nust.edu.pk/program/phd-engineering-management">https://ceme.nust.edu.pk/program/phd-engineering-management</a>
PhD Applied Mathematics	<a href="https://ceme.nust.edu.pk/program/phd-applied-mathematics">https://ceme.nust.edu.pk/program/phd-applied-mathematics</a>



**Faculty Profile:** <https://ceme.nust.edu.pk/faculty/>

**Institution Profile:** <https://ceme.nust.edu.pk/>

## Military College of Engineering (MCE)

The School of Military Engineering was established after the end of World War-II in 1946 near Kirkee (Poona) in southern India. After the partition of the sub-continent and emergence of Pakistan, the School of Military Engineering was established at Sialkot in April 1948. The institute was shifted from Sialkot to Risalpur in the year 1952 and developed into an engineering institution. Military College of Engineering is a premier college of NUST that offers an undergraduate degree in Civil Engineering. It has a rich legacy dating back to the post World War II era. Passing several milestones, MCE was granted degree awarding status through Presidential Ordinance of 1962. With the emergence of NUST, MCE entered the folds of the University's constituent colleges in 1995. MCE was recertified as an ISO 9001-2000 institute after successfully meeting all quality standards in July 2008. MCE has the honour of producing 5384 BE graduates, including 61 foreign students.

### Departments

- » Structural Engineering
- » Transportation & Geotechnical Engineering
- » Construction Engineering & Management
- » Basic Sciences & Humanities
- » Water Resources Engineering & Management
- » Sustainable Advanced Geomechanical Engineering (SAGE)

### Academics Programs

Program Title	Course Outline
BE Civil	<a href="https://mce.nust.edu.pk/program/bachelor-in-civil-engineering-for-fall-2024-onward">https://mce.nust.edu.pk/program/bachelor-in-civil-engineering-for-fall-2024-onward</a>
MS Disaster Management	<a href="https://mce.nust.edu.pk/program/ms-disaster-management">https://mce.nust.edu.pk/program/ms-disaster-management</a>
MS Construction Engineering & Management	<a href="https://mce.nust.edu.pk/program/ms-construction-engineering-and-management">https://mce.nust.edu.pk/program/ms-construction-engineering-and-management</a>
MS Mining Engineering	<a href="https://mce.nust.edu.pk/program/ms-mining-engineering">https://mce.nust.edu.pk/program/ms-mining-engineering</a>
MS Mathematics	<a href="https://mce.nust.edu.pk/program/ms-mathematics">https://mce.nust.edu.pk/program/ms-mathematics</a>
MS Water Resources Engineering & Management	<a href="https://mce.nust.edu.pk/program/ms-water-resources-engineering-management">https://mce.nust.edu.pk/program/ms-water-resources-engineering-management</a>
PhD Construction Engineering & Management	<a href="https://mce.nust.edu.pk/program/phd-construction-engineering-and-management">https://mce.nust.edu.pk/program/phd-construction-engineering-and-management</a>
PhD Mining Engineering	<a href="https://mce.nust.edu.pk/program/phd-mining-engineering">https://mce.nust.edu.pk/program/phd-mining-engineering</a>
PhD Mathematics	<a href="https://mce.nust.edu.pk/program/phd-mathematics">https://mce.nust.edu.pk/program/phd-mathematics</a>
PhD Water Resources Engineering & Management	<a href="https://mce.nust.edu.pk/program/phd-water-resources-engineering-management">https://mce.nust.edu.pk/program/phd-water-resources-engineering-management</a>



Faculty Profile: <https://mce.nust.edu.pk/faculty/>

Institution Profile: <https://mce.nust.edu.pk/>



## College of Aeronautical Engineering (CAE)

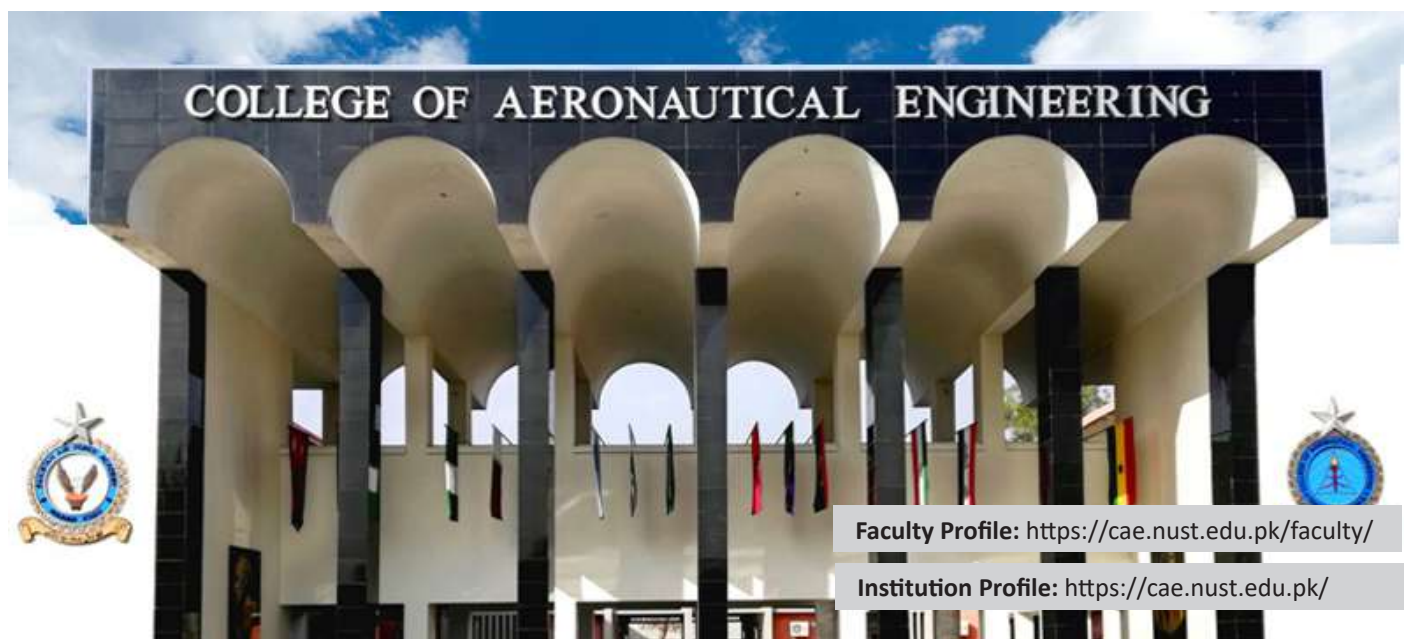
College of Aeronautical Engineering (CAE) has a legacy which is as impressive as some of its aforementioned counterparts. The college was established in 1965 with the help of USAF, which provided experienced and qualified officers as pioneering Principal and Heads of Aerospace and Avionics Engineering Departments. The College was initially located at Pakistan Air Force (PAF) Base Korangi and it was affiliated with the University of Karachi. Affiliation of the College was transferred to NED University of Engineering & Technology after the establishment of NED in March, 1977. In May, 1986, CAE was relocated to Risalpur as integral part of PAF Academy (Presently, PAF Academy Asghar Khan). It became a major constituent college of National University of Sciences and Technology (NUST), Islamabad in 1994. This premier college offers undergraduate degrees in Aerospace and Avionics Engineering and post graduate degrees in 11 disciplines (i.e. MS / PhD in Aerospace, Avionics, Electrical and Mechanical Engineering and MS in Industrial & Manufacturing Engineering, Aviation Management and Engineering Management). The programmes are fortified by the faculty qualified from leading foreign institutes. CAE is accredited by PEC and it is certified by ISO 9000 since 1999. Outcome Based Education (OBE) programme was started at CAE in 2014 after PEC became a provisional signatory of the Washington Accord (WA) of International Engineering Alliance (IEA).

### Departments

- » Aerospace Engineering
- » Avionics Engineering
- » Humanities & Sciences
- » Industrial Engineering
- » Professional Continuing Education

### Academics Programs

Program Title	Course Outline
BE Aerospace	<a href="https://cae.nust.edu.pk/program/bachelor-of-aerospace-engineering-for-spring-2022-onward">https://cae.nust.edu.pk/program/bachelor-of-aerospace-engineering-for-spring-2022-onward</a>
BE Avionics	<a href="https://cae.nust.edu.pk/program/bachelors-of-avionics-engineering-for-spring-2022-onward">https://cae.nust.edu.pk/program/bachelors-of-avionics-engineering-for-spring-2022-onward</a>
MS Aerospace Engineering	<a href="https://cae.nust.edu.pk/program/ms-aerospace-engineering">https://cae.nust.edu.pk/program/ms-aerospace-engineering</a>
MS Avionics Engineering	<a href="https://cae.nust.edu.pk/program/ms-avionics-engineering">https://cae.nust.edu.pk/program/ms-avionics-engineering</a>
MS Electrical Engineering	<a href="https://cae.nust.edu.pk/program/ms-electrical-engineering">https://cae.nust.edu.pk/program/ms-electrical-engineering</a>
MS Mechanical Engineering	<a href="https://cae.nust.edu.pk/program/ms-mechanical-engineering">https://cae.nust.edu.pk/program/ms-mechanical-engineering</a>
MS Engineering Management	<a href="https://cae.nust.edu.pk/program/ms-engineering-management">https://cae.nust.edu.pk/program/ms-engineering-management</a>
MS Industrial and Manufacturing Engineering	<a href="https://cae.nust.edu.pk/program/ms-industrial-and-manufacturing-engineering--">https://cae.nust.edu.pk/program/ms-industrial-and-manufacturing-engineering--</a>
MS Aviation Management	<a href="https://cae.nust.edu.pk/program/ms-aviation-management">https://cae.nust.edu.pk/program/ms-aviation-management</a>
PhD Aerospace Engineering	<a href="https://cae.nust.edu.pk/program/phd-aerospace-engineering">https://cae.nust.edu.pk/program/phd-aerospace-engineering</a>
PhD Avionics Engineering	<a href="https://cae.nust.edu.pk/program/phd-avionics-engineering">https://cae.nust.edu.pk/program/phd-avionics-engineering</a>
PhD Electrical Engineering	<a href="https://cae.nust.edu.pk/program/phd-electrical-engineering">https://cae.nust.edu.pk/program/phd-electrical-engineering</a>
PhD Mechanical Engineering	<a href="https://cae.nust.edu.pk/program/phd-mechanical-engineering">https://cae.nust.edu.pk/program/phd-mechanical-engineering</a>



Faculty Profile: <https://cae.nust.edu.pk/faculty/>

Institution Profile: <https://cae.nust.edu.pk/>

## National Institute of Transportation (NIT)

National Institute of Transportation (NIT) was established in 1991 at Risalpur and became a constituent institute of the National University of Sciences and Technology (NUST) through an Act of Parliament. NIT remains committed to its prime responsibility of imparting advance higher education and providing a platform for Research and Development (R&D) in core civil engineering disciplines. The institute provides an integrated teaching and research facility at postgraduate level leading to award of MS /PhD degrees in the fields of Transportation, Structural and Geotechnical Engineering.

NIT being an academic and R&D organization, provides engineering research support to the problems identified by national & international organizations especially in transportation engineering. Presently, in its revival stage, NIT is striving to achieve the status of top national civil engineering outfit with a public mission, an affordable cost, and a culture that welcomes talented, diverse students with unlimited potential. The quality faculty of the institute has always been involved in national and international level research publications and consultancy services. The strong Alumni of the institute is significantly contributing in solving civil engineering challenges within the country and abroad. With the development of requisite infrastructure coupled with modern tools of learning/ research and the diverse faculty, the institute is well poised to contest the complex future civil engineering challenges.

### Departments

- » Structural Engineering
- » Transportation Engineering
- » Geotechnical Engineering

### Academics Programs

Program Title	Course Outline
MS Structural Engineering	<a href="https://nit.nust.edu.pk//program/ms-structural-engineering">https://nit.nust.edu.pk//program/ms-structural-engineering</a>
MS Transportation Engineering	<a href="https://nit.nust.edu.pk//program/ms-transportation-engineering">https://nit.nust.edu.pk//program/ms-transportation-engineering</a>
MS Geotechnical Engineering	<a href="https://nit.nust.edu.pk//program/ms-geotechnical-engineering">https://nit.nust.edu.pk//program/ms-geotechnical-engineering</a>
PhD Structural Engineering	<a href="https://nit.nust.edu.pk//program/phd-structural-engineering">https://nit.nust.edu.pk//program/phd-structural-engineering</a>
PhD Transportation Engineering	<a href="https://nit.nust.edu.pk//program/-phd-transportation-engineering-">https://nit.nust.edu.pk//program/-phd-transportation-engineering-</a>
PhD Geotechnical Engineering	<a href="https://nit.nust.edu.pk//program/phd-geotechnical-engineering">https://nit.nust.edu.pk//program/phd-geotechnical-engineering</a>



**Faculty Profile:** <https://nit.nust.edu.pk/faculty/>

**Institution Profile:** <https://nit.nust.edu.pk/>



## Pakistan Navy Engineering College (PNEC)

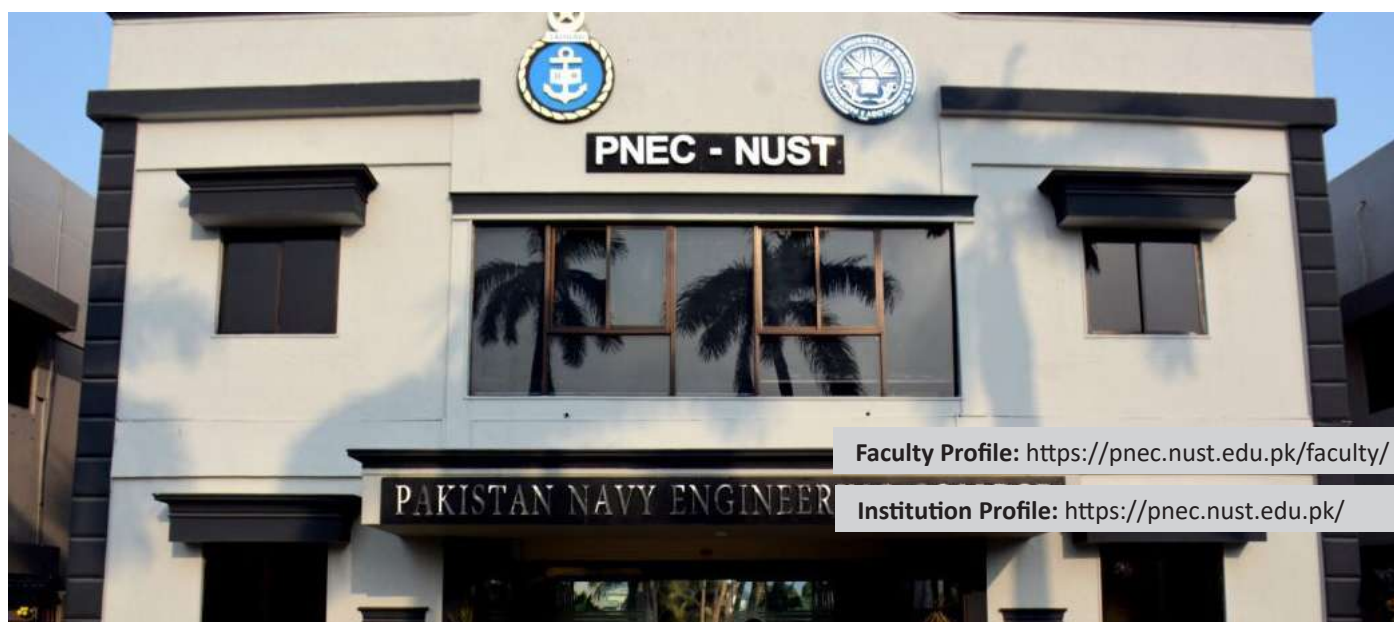
The genesis of PN Engineering College lies in the Officers Training Section (OTS) which was set up in 1962. In 1966, the status of OTS was upgraded to that of a college and given the name of Pakistan Navy Engineering College (PNEC). PNEC was affiliated with Karachi University in the same year. In 1977, the affiliation of PNEC was transferred to NED University of Engineering & Technology. The college was shifted to its present location in 1982. In 1995 it became constituent college of National University of Sciences and Technology (NUST). PNEC Offering comprehensive undergraduate degrees in Electrical Engineering, Mechanical Engineering, Maritime Sciences (for PN officers only) and Naval Architecture. Pakistan Naval Engineering College (PNEC), Karachi has the distinction of being the first educational institution of the country to have obtained ISO-9001 certification. Another milestone was achieved with the introduction of its first MS and PhD programmes in 1998. The College continues to diversify its programmes and offers postgraduate degrees in Electrical Engineering, Mechanical Engineering, Industrial & Manufacturing Engineering, Naval Architecture and Cyber Security. The College also intends to start MS Artificial Intelligence programme w.e.f Fall 2024.

### Departments

- » Engineering Sciences
- » Electronics & Power Engineering
- » Cyber Security
- » Naval Architecture
- » Management Information Systems and Maritime Sciences
- » Applied Sciences
- » Industrial and Manufacturing Engineering

### Academics Programs

Program Title	Course Outline
BE Electrical	<a href="https://pnec.nust.edu.pk/program/bachelor-in-electrical-engineering-for-fall-2024-onward">https://pnec.nust.edu.pk/program/bachelor-in-electrical-engineering-for-fall-2024-onward</a>
BE Mechanical	<a href="https://pnec.nust.edu.pk/program/bachelor-of-mechanical-engineering-wef-fall-2024-onwards">https://pnec.nust.edu.pk/program/bachelor-of-mechanical-engineering-wef-fall-2024-onwards</a>
BE Naval Architecture	<a href="https://pnec.nust.edu.pk/program/bachelor-of-engineering-in-naval-architecture-fall-2024-onward">https://pnec.nust.edu.pk/program/bachelor-of-engineering-in-naval-architecture-fall-2024-onward</a>
MS Electrical Engineering	<a href="https://pnec.nust.edu.pk/program/ms-electrical-engineering">https://pnec.nust.edu.pk/program/ms-electrical-engineering</a>
MS Mechanical Engineering	<a href="https://pnec.nust.edu.pk/program/ms-mechanical-engineering">https://pnec.nust.edu.pk/program/ms-mechanical-engineering</a>
MS Manufacturing Engineering and Management	<a href="https://pnec.nust.edu.pk/program/ms-manufacturing-engineering-management">https://pnec.nust.edu.pk/program/ms-manufacturing-engineering-management</a>
MS Naval Architecture	<a href="https://pnec.nust.edu.pk/program/ms-naval-architecture">https://pnec.nust.edu.pk/program/ms-naval-architecture</a>
MS Cyber Security	<a href="https://pnec.nust.edu.pk/program/ms-cyber-security">https://pnec.nust.edu.pk/program/ms-cyber-security</a>
MS Artificial Intelligence	<a href="https://pnec.nust.edu.pk/program/ms-artificial-intelligence">https://pnec.nust.edu.pk/program/ms-artificial-intelligence</a>
PhD Electrical Engineering	<a href="https://pnec.nust.edu.pk/program/phd-electrical-engineering">https://pnec.nust.edu.pk/program/phd-electrical-engineering</a>
PhD Mechanical Engineering	<a href="https://pnec.nust.edu.pk/program/phd-mechanical-engineering">https://pnec.nust.edu.pk/program/phd-mechanical-engineering</a>



Faculty Profile: <https://pnec.nust.edu.pk/faculty/>

Institution Profile: <https://pnec.nust.edu.pk/>

## NUST Balochistan Campus (NBC)

NUST Balochistan campus (NBC) was inaugurated in 2019. Through this campus, NUST aims to take quality education to the youth of Balochistan, enabling them to graduate from Pakistan's No. 1 Science & Technology university, and be at par with the best engineers and scientists not only in Pakistan but also internationally. Since its established, total of 330 students are enrolled in Undergraduate programs out of which 165 students on Balochistan origin. NUST has established a state of the art campus, comprising of 18x labs, under the supervision of foreign PhD qualified faculty. NUST aim to establish and develop the skilled focused manpower contributing towards regional economy.

### Departments

- » Computer Science
- » Civil Engineering
- » Mining and Mineral Resources

### Academics Programs

Program Title	Course Outline
BE Civil	<a href="https://nbc.nust.edu.pk/program/bachelor-in-civil-engineering-for-fall-2024-onward">https://nbc.nust.edu.pk/program/bachelor-in-civil-engineering-for-fall-2024-onward</a>
BS Computer Science	<a href="https://nbc.nust.edu.pk/program/bachelor-of-science-in-computer-science-2023-and-onwards-intake">https://nbc.nust.edu.pk/program/bachelor-of-science-in-computer-science-2023-and-onwards-intake</a>
BS Artificial Intelligence	<a href="https://nbc.nust.edu.pk/program/bachelor-of-science-in-artificial-intelligence">https://nbc.nust.edu.pk/program/bachelor-of-science-in-artificial-intelligence</a>
BS English (Language and Literature)	<a href="https://nbc.nust.edu.pk/program/bs-english-language-and-literature">https://nbc.nust.edu.pk/program/bs-english-language-and-literature</a>
MS Computer Science	<a href="https://nbc.nust.edu.pk/program/ms-computer-science">https://nbc.nust.edu.pk/program/ms-computer-science</a>
MS Civil Engineering	<a href="https://nbc.nust.edu.pk/program/ms-civil-engineering">https://nbc.nust.edu.pk/program/ms-civil-engineering</a>
MS Mining Engineering	<a href="https://nbc.nust.edu.pk/program/ms-mining-engineering">https://nbc.nust.edu.pk/program/ms-mining-engineering</a>
PhD Computer Science	<a href="https://nbc.nust.edu.pk/program/phd-computer-science">https://nbc.nust.edu.pk/program/phd-computer-science</a>
PhD Civil Engineering	<a href="https://nbc.nust.edu.pk/program/phd-civil-engineering">https://nbc.nust.edu.pk/program/phd-civil-engineering</a>
PhD Mining Engineering	<a href="https://nbc.nust.edu.pk/program/phd-mining-engineering">https://nbc.nust.edu.pk/program/phd-mining-engineering</a>



Faculty Profile: <https://nbc.nust.edu.pk/faculty/>

Institution Profile: <https://nbc.nust.edu.pk/>



A close-up photograph of a laptop with a dark screen and a keyboard. In the foreground, there is an open notebook with lined pages and an orange pencil resting on it. A blue circular graphic is in the top left corner. The text "APPLYING TO NUST" is overlaid on the bottom right of the image.

# APPLYING TO NUST

# NATIONAL STUDENTS

## Undergraduate Programmes

### Entry Route to NUST

Candidates can apply on NET basis OR ACT / SAT basis (National and International seats) OR both as per following:

### NUST Entry Test (NET) - 2025

NET will be conducted as per detail mentioned below:

NET-2025	Online Registration	Test Schedule			
		Islamabad	Karachi	Quetta	Gilgit
Series 1	20 Oct - 03 Dec 2024	30 Nov - 13 Dec 2024	-		
Series 2	22 Dec 2024 - 04 Feb 2025	08 Feb 2025 onwards	22 - 23 Feb 2025	27 - 28 Feb 2025	-
Series 3	Feb-Mar 2025	Mar - Apr 2025	-		
Series 4	Apr-Jun 2025	Jun - Jul 2025	Jul 2025		

#### Submission of ACT/SAT Results:

Selection of Candidates:

#### Commencement of Classes:

All institutions less CAE

CAE

**25 July 2025**

**August 2025**

**September 2025**

**October 2025**

## Eligibility Criteria

- » A minimum of 60% aggregate marks each in SSC and HSSC / equivalent exams.
- » Candidates of FSc stream can apply for the NUST Entry Test on the basis of FSc Part – I but the confirmation of their admission is subject to provision of FSc certificate or Detailed Marks Certificate (with a minimum of 60% aggregate marks) before the commencement of the relevant programme of study.
- » O & A level and other non-FSc stream candidates need to obtain equivalence certificates from Inter Boards Coordination Commission (IBCC), Pakistan.
- » Candidates applying for LLB have to provide Valid LAT score with more than 50% Marks.
- » Candidates of O / A Level stream can apply on the basis of O Level equivalence certificate duly issued by IBCC, but the confirmation of their admission is subject to provision of A Level equivalence certificate before the commencement of the relevant programme of study. Valid O Level equivalence certificate is mandatory at the time of applying to NUST.
- » Candidates can apply on the basis of NUST Entry Test (NET) or ACT score or both.
- » Candidates having diploma of Associate Engineering (DAE) with minimum 60% marks in various technologies can apply for relevant Engineering programmes through NUST Entry Test. For details, visit <https://nust.edu.pk/admissions/undergraduates/dae-eligibility-criteria/>.

Sr	Nationality Status	NET	ACT / SAT National	ACT / SAT International
a	Pakistani National studying in Pakistan (Pakistani Scheme of Studies)	Yes	Yes	No
b	Pakistani National studying abroad (Pakistani Scheme of Studies)	Yes	Yes	Yes
c	Pakistani National (Foreign Scheme of studies)	Yes	Yes	Yes
d	Expatriate	Yes	Yes	Yes
e	Dual National (Pakistani With Any other)	Yes	Yes	Yes
f	Foreign National	Yes	No	Yes

<https://nust.edu.pk/admissions/undergraduates/dates-to-remember/>



Academic qualification required for different UG programmes is as follows:

Programmes	Pakistani System of Studies	O / A Level and other Foreign System of Studies
<b>Engineering</b>	SSC with Science group AND HSSC Pre-Engineering group OR HSSC Computer Science group @ OR HSSC Pre-Medical with additional Maths	O level equivalence of Science group AND A level equivalence of Pre-Engineering group including Mathematics, Physics and Chemistry OR A level equivalence of Computer Science group @ including Mathematics, Physics, Computer Science
<b>BS Computer Science</b> <b>BS Bioinformatics</b> <b>BS Data Science</b> <b>BS Artificial Intelligence</b>	SSC with Science group AND HSSC Pre-Engineering group OR HSSC Computer Science group OR HSSC Pre-Medical group OR HSSC including Mathematics, Statistics and Computer Science	O level equivalence of Science group AND A level equivalence of Pre-Engineering group including Mathematics, Physics and Chemistry OR A level equivalence of Computer Science group including Mathematics, Physics and Computer Science OR A level equivalence including Mathematics, Statistics and Computer Science OR A level equivalence of Pre-Medical group including Biology, Physics and Chemistry
<b>BS Biotechnology</b> <b>BS Environmental Science</b> <b>BS Agriculture</b>	SSC with Science group AND HSSC Pre-Medical group	O level equivalence of Science group AND A level equivalence of Pre-Medical group including Biology, Physics and Chemistry
<b>BS Food Science and Technology</b>	SSC with Science group AND HSSC Pre-Engineering group OR HSSC Pre-Medical group	O level equivalence of Science group AND A level equivalence of Pre-Engineering group including Mathematics, Physics and Chemistry OR A level equivalence of Pre-Medical group including Biology, Physics and Chemistry
<b>BBA, BS Economics, BS Mass Communication, BS Public Administration, BS Psychology, BS Tourism and Hospitality Management</b> <b>BS English (Language and Literature)</b>	SSC AND HSSC with any combination	O level equivalence AND A level equivalence with any combination
<b>LLB</b>	SSC AND HSSC with any combinationValid HEC Law Admission Test (LAT) score with minimum 50% marks	O level equivalence AND A level equivalence with any combinationValid HEC Law Admission Test (LAT) score with minimum 50% marks
<b>BS Accounting and Finance</b>	SSC AND HSSC with Mathematics or Accounting and Finance or Accountancy as one of the mandatory subject	O level equivalence AND A level equivalence with Mathematics or Accounting and Finance or Accountancy as one of the mandatory subject
<b>BS Mathematics</b>	SSC AND HSSC with Mathematics as one of the mandatory subject	O level equivalence AND A level equivalence with Mathematics as one of the mandatory subject
<b>BS Physics</b>	SSC AND HSSC with Mathematics and Physics as two of the mandatory subjects	O level equivalence AND A level equivalence with Mathematics and Physics as two of the mandatory subjects

<b>BS Chemistry</b>	SSC AND HSSC with Chemistry as one of the mandatory subject along with Mathematics or Physics	O level equivalence AND A level equivalence with Chemistry as one of the mandatory subject along with Mathematics or Physics
<b>B. Architecture, B. Industrial Design</b>	SSC with Mathematics and Physics as two of the mandatory subjects AND HSSC with Mathematics and Physics as two of the mandatory subjects	O level equivalence with Mathematics and Physics as two of the mandatory subjects AND A level equivalence with Mathematics and Physics as two of the mandatory subjects

<https://nust.edu.pk/admissions/undergraduates/eligibility-criteria-for-ug-programmes/>

## Ineligibility

Candidates with any of the following deficiencies are NOT eligible to apply for admission in UG programmes:

- » Having secured less than 60% marks in Matric and FSc.
- » Having failed / not appeared in any subject in FSc Part-I / II.
- » Having secured less than 60% marks in O/A level as per the equivalence certificate issued by IBCC.
- » In case of O & A level / equivalent foreign qualification, those not in possession of valid O level or equivalent qualification certificate issued by IBCC at the time of applying to NUST.
- » Female candidates can not apply for and Civil Engineering offered at MCE Risalpur Campus.
- » Foreign nationals (Non Pakistani) cannot apply for Aerospace and Avionics Engineering programmes offered at CAE campus Risalpur.
- » Expelled from NUST on disciplinary grounds.
- » Candidates of HSSC Computer Science group / equivalent qualification with the combination of Mathematics, Physics and Computer Science are eligible to apply for all Engineering programs with a condition to clear Chemistry as a remedial subject / course in the 1st semester after admission.
- » Candidates of HSSC Pre-Medical group / equivalent qualification applying for Engineering programmes without taking additional math exam have to clear the condensed Mathematics course of 8 x weeks offered by NUST, prior to admission. Details of condensed course will be uploaded in due course of time.
- » Candidates of HSSC Pre-Medical group / equivalent

qualification enrolled in Computing programmes without taking additional math exam have to clear deficient Mathematics courses of 6 credit hours, within one year.

- » DAE candidates can apply for admission in selected Engineering programmes on open merit. Details are covered under DAE Eligibility Criteria

## Submission of Online Applications

NUST accepts only online application forms for UG programmes. A candidate can fill and submit the application form, available online at <http://ugadmissions.nust.edu.pk>

For subsequent correspondence with NUST, the following address may be used:

**Admissions Directorate,  
National University of Sciences and Technology (NUST),  
Sector H-12, Islamabad, Pakistan.**

**Tel:** +92-51-90856878

**E-mail:** [ugadmissions@nust.edu.pk](mailto:ugadmissions@nust.edu.pk)

## Application Processing Fee

NUST Entry Test (per exam)  
ACT National Seat  
ACT International Seat  
MBBS (Local & Foreign Seats)

Rs 5000 or USD 40  
Rs 5,000 or USD 40  
Rs 10,000 or USD 80  
Rs 2,000 & PKR 10,000  
respectively

<https://nust.edu.pk/admissions/undergraduates/ug-admission-application-processing-fee/>

<https://nust.edu.pk/admissions/NSHS/fee-structure/>



## MBBS Programme (Session 2024-25)

Minimum 60% marks in SSC / O level / Equivalent qualification with Science group including the subjects of Biology, Chemistry, Physics and Mathematics

AND

Minimum 60% marks in HSSC (Pre-Medical group) / A level / Equivalent qualification including the subjects of Biology, Chemistry and Physics or Mathematics

AND

Minimum 55% marks in NUMS MDCAT 2024

<https://nust.edu.pk/admissions/NSHS/nshs-admission-policy/>

## Timeline for MBBS Programme (Session 2024-25)

Activity	Time line
Online Registration for Admissions Starts	Wednesday, 16 Oct 2024
Online Registration for Admissions with Regular Fee (Rs 6,200 for Open Merit / Rs 36,000 for Foreign Seat, Non-Refundable) Ends	Friday, 22 Nov 2024 by 1600 hrs (Date Extended)
Online Registration for Admissions with Late Fee (Rs 7,500 for Open Merit / Rs 42,000 for Foreign Seat, Non-Refundable) Ends	Friday, 29 Nov 2024 by 1600 hrs (Date Extended)
Display of Provisional Merit List	Monday, 16 Dec 2024
Display of Selection List	Friday, 20 Dec 2024

<https://nust.edu.pk/admissions/NSHS/dates-to-remember/>

## Procedure of Admission on the Basis of NET

- » Submission of online application for admission at <http://ugadmissions.nust.edu.pk>
- » Confirmation of receipt of application by NUST through e-mail (within 24 hours of submission of application)
- » Printing of Fee Invoice
- » Fee deposit through any online branch of Habib Bank Ltd (HBL)
- » Confirmation of receipt of payment by NUST through e-mail (within 5 days of payment)
- » For computer based test, selection of Test Date and Session out of the available option(s)
- » For Computer Based Test , generation of admit card containing information of Test Date, Test Session, Log-in ID and Password.
- » For Paper Based Test, issuance of admit card containing information of Test Date, Test Session and Test Center through email (within 24 hours of payment confirmation).
- » Printing of Admit Cards by all candidates by login in to individual accounts
- » Conduct of the test as per the schedule
- » Announcement of NET results
- » Desirous candidates may apply in another NET series before the completion of admission cycle
- » Generation of Merit list on completion of NUST Entry Tests
- » Candidates may review their preferences of programmes within given time frame after uploading of merit list
- » Issuance of Selection List on NUST website
- » Printing of Provisional Selection Letter, Medical Certificate Form and Admission Dues Fee Invoice by the selected candidates
- » Deposit of Admission dues (in any online branch of HBL) and submission of required documents to the UG Section, Registrar Directorate, NUST, Sector H-12, Islamabad
- » Issuance of Joining Instructions to the selected candidates who have completed admission formalities by the respective institution
- » Successful candidates join their respective programmes

■ To do list for candidates   ■ To do list for NUST



## Instructions for Online Application Form

- » Visit <https://ugadmissions.nust.edu.pk> and get registered by providing valid e-mail address.
- » Candidate will be allotted a login ID and password to access the online application form.
- » Fill the online form, upload recent passport size photograph not more than one month old (with plain background), and submit the form. Successful submission of form will be confirmed through an e-mail by NUST.
- » Re-Login to your account and print Fee Invoice for depositing processing fee from My Account page.
- » Candidates can deposit fee with any branch of HBL. Fee deposit will be verified through e-mail within 5 days of payment.
- » Candidates of computer based test will have to choose Test Date and Session out of the available options.
- » Allocation of Test Date and Session will be made on 'First Come First Served' basis.
- » Candidates of computer based test will be allocated Roll Number, Test Centre, Test Session, Log-in ID and Password.
- » For Paper Based Test, candidates will be informed through email regarding printing of Admit Card containing exact time and centre for Entry Test.
- » Candidates can deposit fee with any branch of HBL. Fee deposit will be verified through e-mail within 3 working days. They may also submit the fee via 1Link (1Bill Invoice) or Credit Card.
- » Candidates are required to print their Admit Cards and bring the same to the Test Centre along with Original CNIC / Family Registration Certificate / Passport / Original Matric / FSc certificate bearing photograph as proof for identification..
- » Candidates can appear more than once to improve their score. Best score will be picked by the system for merit generation.
- » Candidates can review their preference of choices after announcement of merit list. However, candidates can give application for change of preference, ONCE during selection process by applying through prescribed performa. After this, request of change of preference will not be entertained.
- » After depositing dues, if a candidate desire to be retained in the allocated programme irrespective of the preferences given in the application form, he/she has to inform the University in writing or Email at [admissions@nust.edu.pk](mailto:admissions@nust.edu.pk), so that his/her upgradation is blocked in subsequent selections.
- » Candidates failing to deposit admission dues within the given time will not be considered for admission any further.
- » Closing merit of session 2024 for different programmes will be available on the website for guidance.  
<https://nust.edu.pk/admissions/undergraduates/procedure-of-admission-on-the-basis-of-net/>
- » Admit Cards will be retained at the Test Centres for further verification.

Baccalaureate or Advanced Placement certificates are also required to submit equivalence certificates, obtained from the Inter Boards Coordination Commission (IBCC), within two weeks after joining the respective programme. Offices of the IBCC are located in all the provincial capitals. The address of IBCC office at Islamabad is as under:

**Inter Boards Coordination Commission, Plot No. 25, Street 38, G-10/4, Near Federal Government Employees Housing Authority (FGEHA), Islamabad**

**Phone: (051) 9106631**

**Email: [complaints@ibcc.edu.pk](mailto:complaints@ibcc.edu.pk)**

**Web: <https://www.ibcc.edu.pk>**

**Note:** Candidates are advised to contact IBCC for their eligibility regarding issuance of equivalence certificate of relevant category as per their subjects of study in O/A level or any other foreign qualification.



**Note:** Misrepresentation of facts or false information will lead to cancellation of candidature/admission at any stage

## Equivalence Certificate

Candidates submitting A Level, 12th Grade, International

## NUST Entry Test (NET)

The standard of test will be that of intermediate level education, aimed at evaluation of factual knowledge, comprehension and its application.

The pattern and the standard of question papers for both types of tests is the same.

Instructions to attempt computer based Entry test along with mock test module is available on NUST website for guidance of candidates.

For paper based Entry test, correct filling of answer sheets is essential. Detailed instructions for the same are given in the NET section to help the candidates.

NET paper(s) will be based on the Academic Qualification selected by candidate while filling the online registration application. Subject weightings of different NET papers are as follows:-

### NET-Engineering (HSSC Pre-Engineering group / equivalent)

Mathematics	40%
Physics	30%
Chemistry	15%
English	10%
Intelligence	5%

- » The said test will be conducted for candidates seeking admission in all Engineering and Computing Programmes.
- » Candidate seeking admission in Engineering can also opt for admission in BS Mathematics, BS Physics, BS Chemistry and BS Food Science & Technology without payment of additional registration fee and appearing in a separate test.
- » Merit of BS Mathematics, BS Physics, BS Chemistry and BS Food Science & Technology will be generated on the basis of total NET-Engineering marks.
- » This option is not applicable to DAE candidates.
- » Candidate having background of 'Pre-Engineering with Additional Biology' OR 'Pre-Medical with Additional Mathematics' OR Equivalent, applying for Engineering or Computing Programmes will appear in NET-Engineering paper.

### NET-Computing (HSSC Computer Science group / equivalent)

Mathematics	40%
Physics	25%
Computer Science @	20%
English	10%
Intelligence	5%

- » Candidates with Pre-Engineering background as declared in Online Registration Form will be given test of Chemistry instead of Computer Science.
- » Computer Science group with combination of Mathematics, Physics and Computer Science
- » Candidates can apply for all Engineering and Computing Programmes.
- » Candidates may opt for BS Mathematics and BS Physics without payment of additional registration fee and appearing in a separate test.
- » Merit of BS Mathematics and BS Physics will be generated on the basis of total NET-Computing marks.
- » HSSC with combination of Mathematics, Statistics and Computer Science
- » Candidates can apply for the Computing programmes (BS Computer Science, BS Data Science and BS Bioinformatics)

only.

- » Candidates may opt for BS Mathematics without payment of additional registration fee and appearing in a separate test.
- » Merit of BS Mathematics will be generated on the basis of total NET-Computing marks.

### NET-Applied Sciences (HSSC Pre-Medical group / equivalent)

Biology	30%
Physics	30%
Chemistry	25%
English	10%
Intelligence	5%

- » This test is conducted for admission in BS Biotechnology / BS Environmental Science and BS Food Science & Technology as well as Computing Programmes (BS Computer Science, BS Data Science and BS Bioinformatics).
- » No separate test for computing domain as per the previous practice will be conducted.
- » The candidates may opt for BS Chemistry without payment of additional registration fee and appearing in a separate test.
- » Merit for BS Chemistry will be generated on the basis of total marks obtained in NET-Applied Sciences marks.

### NET-Business Studies & Social Sciences (HSSC with any combination)

English	40%
Quantitative (Basic Mathematics)	40%
Intelligence	20%

The test is for candidates seeking admission in BBA / BS Public Administration / BS Mass Communication / BS Economics / BS Psychology / BS Accounting & Finance / LLB / BS Tourism and Hospitality Management

### NET-Architecture (HSSC with Maths and Physics / equivalent)

Mathematics	30%
Physics	30%
English	25%
Intelligence	15%

The test is for candidates seeking admission in B Architecture / B Industrial Design only.

### NET- Mathematics (HSSC with Maths / equivalent)

Mathematics	85%
English	10%
Intelligence	5%

The test is for candidates seeking admission in BS Mathematics only.

### NET-Physics (HSSC with Maths and Physics / equivalent)

Physics	45%
Mathematics	40%
English	10%
Intelligence	5%

The test is for candidates seeking admission in BS Physics only.

### NET-Chemistry (HSSC with Chemistry and Physics or Maths / equivalent)

Chemistry	85%
English	10%
Intelligence	5%

The test is for candidates seeking admission in BS Chemistry only.



<https://nust.edu.pk/admissions/undergraduates/subjects-included-in-net-with-weightings/>

## Re-checking of NET Papers

Re-checking of paper based Entry Test papers may be requested within 5 days of the declaration of result along with a fee of Rs.500/- in the form of a bank draft/pay order in favour of NUST. The original bank draft / pay order should be dispatched to Admissions Directorate, NUST, Sector H-12, Islamabad, along with written application. Re-checking involves the verification of paper for any unmarked answers and error free totaling of marks.

## Provision of Entry Test Results

Desirous candidates may obtain the result details of their test from the link available on NUST website.

## Merit Generation Criteria

### All UG Programmes except MBBS

Final merit for Engineering / Computing programmes/ Business Studies and Social Sciences/LLB/B Architecture/B Industrial Design / BS Biotechnology/ BS Environmental Science / BS Food Science and Technology / BS Maths, BS Physics & BS Chemistry will be prepared by assigning weightings as follows:

» NUST Entry Test	-	75%
» SSC / O level* / Equivalent	-	10%»
» HSSC-Part 1 / HSSC / A level / Equivalent	-	15%

<https://nust.edu.pk/admissions/undergraduates/merit-criteria-for-admission-on-net-basis/>

\*O/A Level candidates who are in A Level (final year) will be assigned 25% weighting to their O Level equivalence marks as per equivalence certificate issued by IBCC

### For MBBS Programme

NUMS MDCAT-2023	-	50%
HSSC / A level / Equivalent-		40%
SSC / O level / Equivalent	-	10%

<https://nust.edu.pk/admissions/NSHS/merit-generation-criteria-mbbs/>

### Note

- » The above policy may be reviewed by the University whenever deemed necessary.
- » It is the responsibility of the candidate to provide his/her academic record in time to the University as per the deadline.
- » NUST will not be responsible if result of HSSC/equivalent exams is not declared in time.

## ACT Seats for National Students

NUST has few reserved seats on the basis of ACT / SAT. Candidates of both O/A Level and HSSC streams can exercise this option by filling separate online form. The requirement of ACT /SAT score for different programs is as under:-

Programmes	ACT / SAT Scores Required
Engineering	ACT Composite Score (Minimum score to apply – 25)
Computing Programs	
BS Biotechnology / BS Food Science and Technology	
BS Environmental Science	
B Architecture & Industrial Design	
Natural Sciences (Maths / Physics / Chemistry)	ACT STEM Score (Minimum score to apply – 25)
Business Studies & Social Sciences / LLB	SAT Test (SAT – I) (Minimum score to apply in each subject – 550) OR ACT Score of Maths, English and Reading (Minimum score to apply in each subject – 25)

<https://nust.edu.pk/admissions/undergraduates/updates-on-ug-admissions/>

## SAT Requirements

SAT Test is a computer-based test held under the management of College Board, USA. For more information on SAT and how to apply, please visit their website at [www.collegeboard.com](http://www.collegeboard.com)

Last date for SAT scores to reach NUST is July 25, 2025. Scores received after the deadline will not be entertained.

NUST institutional code to receive SAT scores is 2790.

Merit list for candidates applying on the basis of SAT for national seats is prepared separately.

## ACT Subject Test

ACT is held under the management of ACT, USA. For more information on ACT and how to apply, please visit their website at [www.act.org](http://www.act.org).

ACT scores should reach directly to NUST by July 25, 2025. Scores received after the deadline will not be entertained. ACT scores are valid for two years.

NUST institutional code to receive ACT scores is 2915.

Merit list for candidates applying on the basis of ACT for national seats is prepared separately.

## Medical Fitness

Selected candidates will be required to provide Medical Certificate, certifying that the candidate is mentally and physically fit to undertake undergraduate studies and do not require any kind of assistance in this regard, upon joining the relevant programme. Medical Fitness Certificate proforma will be sent to the selected candidates along with the Provisional Selection Letter for endorsement from any Government Hospital or a Registered Medical Practitioner.

## Rejection of Application

The University may reject an application for admission of any student without assigning any reason.

## Submission of Documents

Candidates are required to print the Provisional Selection Letters and send attested photocopies of the following documents along with paid fee invoice (NUST copy) of admission dues to

**UG Section, Registrar Directorate, NUST, H-12, Islamabad:**

- » Matric/equivalent certificate along with Detailed Marks Certificate with 60% or above marks.
- » Detailed marks certificate of HSSC Part-I
- » HSSC / equivalent certificate along with Detailed Marks certificate with 60% or above marks
- » Equivalence certificate(s) from IBCC in case of equivalent examinations with 60% or above marks.

**The university will register the student's name as per his/her (SSC) Matric or O level equivalent certificate duly issued by IBCC.**

## Allocation of Programmes

Selection and allotment of programmes will be carried out strictly according to the merit position and preferences exercised by the candidates.

All candidates will be provided an opportunity to change their preferences given earlier in the online application form after the announcement of merit within the specified time period. This option will be available to candidates tentatively in first week of August 2025.

Candidate will be considered for upgradation in respective programmes by default. However, if candidates want to retain allocated programme, they have to inform immediately through email ([admissions@nust.edu.pk](mailto:admissions@nust.edu.pk)) for blocking of upgradation process in subsequent selections. The seats becoming available as a result of dropouts will be re-allocated and filled through upgradation of candidates who have confirmed their willingness by depositing

the admission dues in time. Candidates with any disability are required to mention the same on field provided in the online application form.

**Name of those candidates who do not deposit admission dues will not be considered any further.**

## Cancellation of Admission

Admission is liable to be cancelled if the candidate is found guilty of suppression or misrepresentation of material facts

at any stage. The University can further debar him/her from seeking admission elsewhere. Other universities in the country will also be informed about the same.

**The seats of those candidates who, after submission of admission dues, do not join within 15 days of commencement date of programmes will be declared vacant and filled up by candidates next on merit.**

## Migration and Transfer

Student can apply for migration within NUST, or migration from other foreign / Pakistani universities / colleges of repute, as per migration policy, salients of this policy are given below. Detail policy on <https://nust.edu.pk/admissions/undergraduates/migration-transfer-policy/>

- » The applicant can apply after completion of first year of study at parent university.
- » SSC & HSSC/equivalent certificates of relevant groups with minimum 60% marks.
- » Students once appeared in the NUST entry test and failed to get admission in NUST due to low merit are not eligible.
- » Courses to be transferred should have a minimum B Grade.
- » Candidate must complete at least 60% credit hours of his degree programme at NUST.

### Migration/Transfer Fee

	PKR
» Processing Fee	7,000
» Migration/Transfer Fee	
» Migration from foreign universities	250,000
» Migration from local universities	100,000
» Transfer within NUST	7,000

### Note: For migration application form

[https://nust.edu.pk/wp-content/uploads/2020/03/Migration\\_Form\\_-\\_New.pdf](https://nust.edu.pk/wp-content/uploads/2020/03/Migration_Form_-_New.pdf)





# MS/PhD Programmes

## Dates to Remember

**Commencement of Online Admission** April 2025

**Submission of GRE (General) Score** June 2025

**NUST will accept the scores of GAT (General) conducted by NTS on or after** May 2023

**NUST will accept the scores of HAT( Higher Aptitude Test) conducted by ETC (HEC) in or after** May 2023

**NUST will accept the scores of GNET (Graduate NUST Entry Test) in or after** June 2023

## Masters Programmes

### Eligibility Criteria

Following is mandatory for admission in MS Programmes:

- » 16 years of schooling or 4 years education after FA/FSc/A Level with minimum CGPA 2.0 out of 4.0 or 55% marks except MBA, MS Economics, MS Human Resource Management, MS Logistics & Supply Chain Management, MS Innovation and Entrepreneurship, MS Careers Counselling & Education and MS Marketing for which minimum CGPA of 2.5 out of 4.0 or 60% marks are required.

### Programmes

### Eligibility Criteria

» Structural Engineering	Bachelors (16 Years of edu) in Civil Engineering, Or equivalent qualification in any of the relevant discipline of Civil Engineering
» Geotechnical Engineering	Bachelors (16 Years of edu) in Civil Engineering, Geological Engineering, Transportation Engineering, Tunneling Engineering, Mining Engineering, Earth Sciences, Geology, Equivalent qualification in relevant Science discipline
» Water Resources and Hydropower Engineering	Bachelors (16 Years of edu) in Civil Engineering, Agricultural Engineering, Environmental Engineering, Geo-informatics Engineering, Geological Engineering, Equivalent qualification in relevant Science discipline.
» Transportation Engineering	Bachelors (16 Years of edu) in Civil Engineering, Transportation Engineering, Or equivalent qualification in any of the relevant discipline of Civil Engineering
» Electrical Engineering (Power)	BE in Electrical/Electronics recognized by PEC
» Electrical Engineering	Any Engineering, Electrical Engineering, Telecommunications Engineering, Mechatronics Engineering, Electronics Engineering, Industrial Electronics Engineering, Electrical & Communications Engineering, Avionics Engineering, Communication Technologies Engineering, Computer Systems Engineering, Computer Engineering, Software Engineering, Biomedical Engineering, Aerospace Engineering Equivalent qualification in relevant discipline
» Mechanical Engineering	Mechanical Engineering, Mechatronics Engineering, Manufacturing Engineering, Industrial Engineering, Aerospace Engineering, Avionics Engineering, Electronics Engineering, Electrical Engineering, Computer Engineering, Biomedical Engineering, Automotive Engineering, Textile Engineering, Agriculture Engineering, Computational Physics, Applied Mathematics, Physics, Mathematics, Metallurgy & Materials. An equivalent qualification in relevant discipline
» Mechatronics Engineering	Bachelors (16 Years of edu) in (Any Engg Degree), MCS, MIT, BCS (4 years), BIT (4 years), BS/MSc Statistics, BS/MSc Physics, BS/MSc Applied Physics, BS/MSc Mathematics, BS/MSc Electronics, BS/MSc Robotics, BS/MSc Nano Science and Technology, BS/MSc Artificial Intelligence, BS/MSc Data Science, BS/MSc Cyber Security, Equivalent qualification in relevant disciplines.
» Computer Engineering	Bachelors (16 Years of edu) in Electronic Engineering, Computer System Engineering, Electrical Engineering, Electrical & Communication Engineering, Telecom Engineering, Avionics Engineering, Industrial Electronics, Mechatronics Engineering, Biomedical Engineering, Computational Science & Engineering, System Engineering, Computer Software, Equivalent qualification in relevant discipline
» Software Engineering	Bachelors (16 Years of edu) in Computer Science, Information Technology, Telecom Engineering, Computer Software Engineering, Computer Systems Engineering, Communication Technology Engineering, MCS, MIT, MSc Statistics, MSc Physics, MSc Applied Physics, MSc Mathematics, MSc Electronics with BCS/BIT, Cyber Security, Data Sciences, Information Security, Artificial Intelligence, Geographical Information System, Equivalent qualification in relevant discipline

» Information Technology	BE in any discipline OR MCS/MIT or MSc in Statistics/Physics/Applied Physics/Mathematics/Electronics with BCS/BIT
» Computer Science	Bachelors (16 Years of edu) in Any Engineering degree, Information Technology, Computer Science, Data Science, Artificial Intelligence, Cyber Security, Computer Information Systems, Game Development and Animation, Information Security, Geographical Information System, MSc Computer, MSc Statistics, MSc Physics MSc Applied Physics, MSc Mathematics, BCS, BIT, Electronics with BIT / BCS (2-3 years), MCS / MIT, Equivalent qualification in relevant discipline
» Design & Manufacturing Engineering	Bachelors (16 Years of edu) in Mechanical Engineering, Industrial Engineering, Mechatronics Engineering, Aerospace Engineering, Electrical Engineering, Electronics Engineering, Avionics Engineering, Manufacturing Engineering, Computer Engineering, Software Engineering, Telecom Engineering, Agriculture Engineering, Biomedical Engineering, Automotive Engineering, An equivalent qualification in relevant discipline
» Information Security	Bachelors (16 Years of edu) in BSc Engineering, Electrical Engineering, Telecommunication Engineering, Computer Software Engineering, Computer System Engineering, Electronics Engineering, Electrical & Communication Engineering, Avionics Engineering, Information Technology, Computer Science, Industrial Electronics, Communication Technologies, MCS, MIT, Information Security, Equivalent qualification in relevant discipline.
» Environmental Engineering	Bachelors (16 Years of edu) in Environmental Engineering, Civil Engineering, Chemical Engineering, Agriculture Engineering, Textile Engineering, Equivalent qualification in relevant discipline
» Environmental Science	Bachelors (16 Years of edu) in Environmental Engineering, Civil Engineering, Chemical Engineering, Agriculture Engineering, Textile Engineering, Equivalent qualification in relevant discipline
» Construction Engineering & Management	Bachelors (16 Years of edu) in Civil Engineering, Architectural Engineering, Construction Engineering, Transportation Engineering, Architecture, Equivalent qualification in relevant Science discipline
» Remote Sensing & GIS	Bachelors (16 Years of edu) in Civil Engineering, Mining Engineering, Environmental Engineering, Agriculture Engineering, Geoinformatics / Geomatics, Environmental Sciences, Forestry Science, Urban Planning, Geography, Earth & Space Sciences, Remote Sensing and GIS, Agriculture Sciences, Equivalent qualification in relevant Sciences disciplines
» Materials and Surface Engineering	BE in Materials and Metallurgical/Mechanical/Mining /Petroleum/Chemical/ Engineering Sciences OR MSc in Chemistry/Physics/Mathematics/Environmental Sciences or equivalent qualification may be considered but may have to undertake additional courses as deemed necessary to cover deficiencies for Engineering degree essentials.
» Computational Science & Engineering	Masters/Bachelors in any discipline of Engineering, Natural Sciences, Computer Science / Geology / Biosciences/ Electronics / Statistics / Pharmacy and Public Health
» Engineering Management	Bachelors (16 Years of edu) in Any Engineering degree, Information Technology, Equivalent qualification in relevant Science discipline.
» Artificial Intelligence	Bachelors (16 Years of edu) in Software Engineering, Electrical Engineering, Mechanical Engineering, Aerospace Engineering, Computer Engineering, Avionics Engineering, Mechatronics Engineering, Electronics Engineering, Civil Engineering, Telecom Engineering, Chemical Engineering, Computer System Engineering, Management Information System, Maritime Sciences, Computer Science, Computational Science & Engineering, Geo-informatics, Statistics, Mathematics, MSc Mathematics, Bioinformatics, Bio Sciences, Information Technology, Information Security, Artificial Intelligence, Data Science, Physics, Applied Physics, MSc in Statistics, Equivalent qualification in relevant discipline
» Applied Mathematics	Masters or Bachelors(4years) or equivalent in Mathematics, Physics, Computer science, Data Science and Material Sciences BE or equivalent in Electrical/ Mechanical/ Mechatronics/ Computer/ Manufacturing/ Aerospace/ Avionics/ Electronics/ Software



» Cyber Security	BE in Electrical/Telecommunications/Computer Software/Computer Systems/ Electronics/Industrial Electronics/ Electrical Communications/Avionics/Communication Technologies OR MCS/MIT/ BCS (04 years)/BIT (04 years) OR MSC in (Statistics/Physics/Applied Physics/Mathematics/Electronics)
» Manufacturing Engineering and Management	Bachelors (16 years of Education) in Civil Engineering, Mechanical Engineering, Industrial Engineering, Mechatronics Engineering, Aerospace Engineering, Electrical Engineering, Electronics Engineering, Avionics Engineering, Structural Engineering, Textile Engineering, Automotive Engineering, Information Systems Engineering, Telecom Engineering, Material Science / Engineering, Chemical Engineering, Metallurgical Engineering, Naval Architecture, Polymer & Petrochemical Engineering, Biomedical Engineering, Food Engineering. Equivalent qualification in relevant Science discipline
» Robotics and Artificial Intelligence Engineering	Bachelors (16 Years of edu) in Mechatronics Engineering, Mechanical Engineering, Electrical Engineering, Computer Engineering, Industrial Engineering, Manufacturing Engineering, Aerospace Engineering, Avionics Engineering, Automotive Engineering, Electronics Engineering, Software Engineering, Telecom Engineering, Agriculture Engineering, Biomed Engineering, Computer Science, Robotics , Artificial Intelligence, Data Science, Information Technology, Electronics, An equivalent qualification in relevant discipline
» Biomedical Engineering	Bachelors (16 Years of edu) in Biomedical Engineering, Chemical Engineering, Electrical Engineering, Electronics Engineering, Industrial Engineering, Mechanical Engineering, Agriculture Engineering, Manufacturing Engineering, Mechatronics Engineering, Computer Engineering, Material Engineering, Telecom Engineering, Software Engineering, Electronics, Robotics, Data Sciences, Computer Science, Information Technology, Artificial Intelligence, An equivalent qualification in relevant discipline
» Biomedical Science	Bachelors (16 Years of edu) in Biology, Physics, Chemistry, Biomedical Sciences, Computer Science, Materials Science, Biosciences, Pharmacy, Biochemistry, Microbiology, Molecular Biology, Genetics, Biotechnology, Physiotherapy, Orthotics and Prosthetics, Rehabilitation Sciences, Bioinformatics, Food and Nutrition, MBBS/ BDS/ Medical Sciences
» Energy Systems Engineering	BE in any Engineering Discipline recognized by PEC OR MSc/BS (04 years) in Chemistry/Physics/Electronics/Environment
» Disaster Management	Masters / BS (04 years) in any discipline from HEC recognized institute
» Urban and Regional Planning	Bachelors (16 Years of edu) in Civil Engineering, Architecture Engineering, Environmental Engineering, Geo-informatics Engineering, City and Regional Planning, Equivalent qualification in relevant Science discipline
» Chemical Engineering	BE Chemical Engineering/Petroleum Engineering
» Nanoscience & Engineering	BE in Materials Science & Engineering, Chemical Engineering, Mechanical Engineering, Environmental Engineering, Polymer Engineering, Electronics, Biosciences, Physics, Chemistry, Environmental, Equivalent qualification in relevant Science discipline
» Systems Engineering	BE Mechanical/Mechtronics/Production/Industrial/Automobile/Electrical/Electronics /Avionics/Telecom/Computer Engineering/Software Engineering. MCS/MIT/BCS (4 years)/BIT (4 years) or MSC in (Statistics/Physics/Applied Physics/ Mathematics/Electronics).
» Innovative Technologies in Learning	16 years of education, from HEC recognized Institutes, in Computer Science/ Information Technology/Education/Social Sciences/Management Sciences/Basic Sciences or BE in any discipline
» Transportation Engineering	Bachelors (16 Years of edu) in Civil Engineering, Transportation Engineering, Or equivalent qualification in any of the relevant discipline of Civil Engineering
» Thermal Energy Engineering	BE in any Engineering Discipline recognized by PEC OR MSc/BS (04 years) in Chemistry/Physics/Electronics/Environment
» Aerospace Engineering	BE in Aerospace /Mechanical/ Mechatronics/Industrial/Manufacturing/Electrical
» Avionics Engineering	BE in Electrical/Electronics/Avionics/Computer/Software/Aerospace
» Electrical Energy Engineering	BE in Electrical/Electronics
» Bioinformatics	BS in Bioinformatics / Biosciences / Molecular Biology / Biotechnology / MBBS OR MSc in Molecular Biology / Biotechnology / Computer Science

» Data Sciences	Bachelors (16 Years of edu) in Computer Science, Computer Engineering, Electrical Engineering, Electronics Engineering, Civil Engineering, Mechanical Engineering, Software Engineering, Computer System Engineering, Aerospace Engineering, Avionics Engineering, Mechatronics Engineering, Telecommunication Engineering, Chemical Engineering, Computational Science & Engineering, Information Technology, Information Security, Artificial Intelligence, Data Science, Bioinformatics, Bio Sciences, Statistics, Geo-informatics, Mathematics, Accounting, Economics, Mathematics, Equivalent qualification in relevant discipline
» Naval Architecture	BE in Naval Architecture / Mechanical / Electrical / Civil / Aerospace / Avionics Engineering or any other related Engineering discipline.
» Civil Engineering	Bachelor's degree in Civil Engineering / Environmental Engineering / Architecture / City and Regional Planning / Mining Engineering / Geological Engineering or relevant fields
» Industrial and Manufacturing Engineering	BSc/BE in any Aerospace / Mechanical / Industrial / Manufacturing and Materials Engineering
» Aviation Management	BS (4 years) in following disciplines: - <ul style="list-style-type: none"> <li>• Aviation Management / Aviation Logistic Management</li> <li>• Aviation Sciences.</li> <li>• Supply Chain Management</li> </ul> Bachelors in any Engineering discipline. Bachelors in any Pure Sciences subjects.
» Mathematics	Masters / Bachelors (4 years) in Mathematics (as applicable) or equivalent discipline
» Climate Change and Sustainable Development	16 years of education in Engineering / Natural Sciences / Business / Health Sciences / Life Sciences / Economics / Development studies / Law / Sociology / Sustainable development / Information Science / Business studies / Environmental Studies / Geography or other relevant disciplines.
» Mining Engineering	BE in any discipline from PEC/HEC (as applicable) recognized institute of Pakistan or abroad
» MBA (2 years)	Sixteen years of schooling or 4 years education after FA/ FSc/A level.
» Economics	Bachelors (16 Years of edu) in Economics, Economics and Mathematics, Economics and Finance, Economics and Data Analytics / Sciences, Development Studies, Mathematics, Statistics, Commerce, Bachelors in Business Administration, Provided sufficient number of economics courses
» Human Resource Management	MBA/M.Com/BBA/B.Com (04 Years)/BE/MBBS.
» Mass Communication	Bachelors (16 Years of edu) in Media Studies, Journalism, Radio/TV Production, Advertising, Public Relations, Visual Arts, Social Sciences
» Development Studies	Masters/Bachelors (04 Years) in Social Sciences/ Natural Sciences/Applied & Engineering Sciences/ Commerce/Humanities
» Peace & Conflict Studies	Masters / Bachelors (04 Years) in International Relations / Defense & Strategic Studies / Defense and Diplomatic Studies / Political Science / Pakistan Studies / Peace & Conflict Studies / Economics / History / Psychology / Sociology / Anthropology / Engineering / Management.
» Career Counseling & Education	Masters / BS (04 years) in any discipline from HEC recognized institute with minimum CGPA of 2.5/4.0 or 65% marks.
» Clinical Psychology	Bachelors (16 Years of edu) in Psychology, Clinical Psychology, BS or Masters (16 years of education) with major in Psychology or Clinical Psychology
» Executive MBA	Minimum 16 years education. Minimum of 3 years full time experience in executive post. Bachelors degree must be recognized by HEC.
» Logistic & Supply Chain Management	Bachelors (16 Years of edu) in Business or Management, Engineering, Information Technology, Public Administration, Commerce, Economics, Computer Science
» Innovation and Entrepreneurship	Bachelors (16 Years of edu) in Any Engineering Degree, Information Technology, Business or Management, Public Administration, Commerce, Economics, Mass Communication, Computer Science
» Governance & Public Policy	Masters / BS (04 years) in Social Sciences, Management Sciences or Business Studies. Preference will be given to students who have a Bachelor's degree in public policy or public administration.
» Healthcare Biotechnology	Bachelors (16 Years of edu) in Life Sciences, Biotechnology, Biochemistry, Molecular Biology, Biosciences, Biomedicine, Microbiology, Pharm-D, Bioinformatics, MBBS/DVM/ BDS degrees.



» Plant Biotechnology	Bachelors (16 Years of edu) in Life Sciences, Biotechnology, Biochemistry, Molecular Biology, Biosciences, Bioinformatics, Plant Sciences / Botany, Agriculture, Chemistry, Food Sciences and Technology, MBBS/DVM/BDS
» Industrial Biotechnology	Bachelors (16 Years of edu) in Life Sciences, Biotechnology, Biochemistry, Molecular Biology, Biosciences, Bioinformatics, Microbiology, Biomedical Sciences, Food Sciences and Technology, Chemistry, MBBS/DVM/BDS degree
» Molecular Medicine	Bachelors (16 Years of edu) in Life Sciences, Biotechnology, Biochemistry, Molecular Biology, Biosciences, Molecular Medicine, Pharm-D, Microbiology, Bioinformatics, Biomedicine, MBBS/DVM/BDS
» Agribusiness Management	Bachelors (16 Years of edu) in Agriculture Sciences, Agricultural Economics, Agricultural Marketing, Agricultural Engineering, Applied Biosciences, Agribusiness (Bachelor's), Business Administration, DVM, Biotechnology, Food Sciences and Technology
» Mathematics	Bachelors (16 Years of edu) in Mathematics, Physics, Statistics, Computer Science, Data Science, Electrical Engineering, Mechanical Engineering, Mechatronics Engineering, Aerospace Engineering, Electronics Engineering, Avionics Engineering, Aerospace Engineering, Equivalent qualification in relevant Science discipline
» Physics	Bachelors (16 Years of edu) in Physics, Electronics, Mathematics, Material Engineering, Electrical Engineering, Mechanical Engineering, Avionics Engineering, Aerospace Engineering, Computer Science, Space Science
» Clinical Psychology	Bachelors (16 Years of edu) in Psychology, Clinical Psychology, BS or Masters (16 years of education) with major in Psychology or Clinical Psychology
» Renewable Energy	Bachelors (16 Years of edu) in related Engineering, Natural Sciences, Economics, and Business Administration.
» Architectural Design	B. Arch degree from HEC recognized institute and accredited by PCATP
» Strategic Studies	BS (04 years) in related discipline like Defense and Strategic Studies, Political Science, International Relation, History, Defense and Diplomatic Studies, Public Policy and Pakistan Studies
» Marketing	Bachelors (16 Years of edu) in Business or Management, Any Engineering Degree, Information Technology, Public Administration, Commerce, Economics, Mass Communication

**Note:** Masters/Bachelors degree must be recognized by HEC/ PEC recognized institute.

For all Masters programmes minimum 50 accumulative score in GAT (General) test conducted by NTS or HAT conducted by ETC (HEC) or GRE (General) conducted by ETS, USA with following minimum accepted score.

Quantitative	151/170
Verbal	146/170
Analytical Writing	3.5/6.0

- » GMAT (for MBA, MS Logistics & Supply Chain Management, MS Innovation and Entrepreneurship) 50 percentile (Overall)
- » NUST will accept the scores of GAT (General) conducted by NTS on or after May 2023 with at least 50 accumulative test score or HAT conducted by ETC (HEC) on or after May 2023 with at least 50 accumulative test score.
- » GNET (Graduate NUST Entry Test) conducted on or after June 2023 with at least 50 accumulative test score will be accepted.
- » GRE conducted after May 1, 2020 will be accepted
- » Candidates are responsible for providing hard copy of GRE score directly on following address:

**MS Section, Registrar Directorate**

**National University of Sciences & Technology (NUST), Sector H-12, Islamabad**

**Note:**

- » PEC/HEC recognised degrees (as applicable) will only be accepted.
- » The degree must be relevant to the discipline applied for, as shown in the above table.
- » Candidates who are awaiting final result can also apply, provided their CGPA/Percentage till last semester is equal to 2.0/55% and they can submit their final result before commencement of classes..

## Selection and Admission

### MS Programmes

Admission of postgraduate students in various programmes of Engineering and Sciences will be based on GRE/GAT (General) / HAT conducted by ETS/NTS/ETC and previous academic record.

Admission in MS will be based on the following weighting:

- » GRE (General) / GAT (Gen) score / HAT 65%
- » Previous Academic Record 35%

## Submission of Online Applications

### Instructions for Online MS Application Form

- » Visit [www.pgadmission.nust.edu.pk](http://www.pgadmission.nust.edu.pk) and register with valid e-mail address.
- » Candidate will be allotted a password to access the application form.
- » Fill the application form.
- » Enter CGPA only, If both percentage and CGPA are mentioned on Bachelors/Masters Degree/Transcript.
- » Enter earned percentage/CGPA of last term/semester, in case final results are awaited.
- » Upload recent photograph (with plain background).
- » Upload scanned copies of the following documents with the online application:
  - > Matric/equivalent certificate
  - > Intermediate/equivalent certificate
  - > Undergraduate degree along with final transcript(s) showing the exact duration
  - > Masters degree along with transcript showing the exact duration (if applicable).
  - > Computerised National Identity Card
- » Consult eligibility criteria before opting for the programme(s). **Candidates will not be considered for the programmes for which they are not eligible.**
- » Candidates can deposit the fee online, after taking print of Challan Form, in any branch of HBL.

**Misrepresentation of facts or false information will lead to cancellation of candidature/admission at any stage.**

Admission at NUST can be cancelled at any stage of studies if any document/information provided by a student is found to be fake/incorrect or not meeting the eligibility criteria, with no liability on NUST.

## Admission Process

### Application

- Access web-link: [www.pgadmission.nust.edu.pk](http://www.pgadmission.nust.edu.pk)
- Fill online application form.
- Upload scanned copies of required documents.

### Application Confirmation

Application confirmation will be sent at the given email address within 24 hours of submission.

### Application Fee

Deposit application fee online in any HBL branch.

### Fee Receipt

Fee confirmation will be sent at the given email address within 15 days of payment.

### Application Status

Application status would be communicated through email/website within 20 days of scrutiny of documents.

### Selection List

Selection list will be uploaded on NUST website in July.

### Admission Dues

Candidates will deposit admission dues in any HBL branch as per challan form available online.

### Documents Submission

- Candidates will prepare documents as per given checklist available online and will submit to the MS Section, Registrar Directorate, Main Office NUST.
- All original documents, Medical Certificate and Affidavit will be submitted to the respective Institution at the time of joining.

### Joining Instructions

Relevant NUST Institution will issue joining instructions to those candidates who have completed all admission requirements.

### Joining

Successful candidates will join relevant programmes as per joining instructions in 1st week of September.



To do list for Applicant



To do list for NUST

## Rejection of Application

The University may reject an application for admission of any student without assigning any reason.



# PhD Programmes

## Eligibility Criteria

- » For admission into the PhD minimum CGPA 3.0 /4.0 or 3.75 / 5.0 (in the semester system) or First Division (in the Annual System) in MPhil/MS/Equivalent degree is required. Percentage will be valid only if the CGPA is not mentioned in degree/transcript.
- » Completed degree with minimum of 30 CHs coursework or 24 CHs coursework and 06 CHs thesis.
- » A candidate is required to clear one of the undermentioned tests for admission to PhD program:
  - GAT (General) (Score  $\geq 60\%$ ) or
  - Graduate NUST Entry Test, G-NET (Score  $\geq 60\%$ ) or
  - HAT (General) (Score  $\geq 60\%$ ) or
  - GRE (General) conducted by ETS, USA, with the following minimum score separately in each section: -
 

Quantitative	130/170
Verbal	130/170
Analytical	3.0/6.0

### Note:

- » Candidates waiting for final result, can also apply for admission provided they submit their final result before commencement of classes.

### Selection and Admission Procedure

- » Admission of Masters students will be based upon GAT (General), GRE (General) / GNET / HAT, previous academic record.

## Submission of Application

Desirous candidates for PhD programmes (all types) may apply to Academics Directorate online according to the advertised schedule of admissions.

Each candidate finally selected for admission to the PhD programme will be notified formally.

## Evaluation of Research Proposal

Selection of candidates for the PhD programmes is dependent on GRE General/NUST admission test score/GAT subject (as applicable), their acceptance by a supervisor and evaluation of their research proposals.



### Programmes

### Eligibility Criteria

» Mechanical Engineering	MS/MPhil/Relevant Disciplines in, Mechanical Engineering, Manufacturing Engineering, Automobile/ Automotive Engineering, Aerospace Engineering, Mechatronics Engineering, Industrial Engineering, Agriculture field Engineering, Computational Science & Engineering, Materials Engineering, Systems Engineering, Civil Engineering, Biomedical Engineering, Design and Manufacturing Engineering, Chemical Engineering, Polymer Engineering, Systems Engineering, Textile Engineering, Control Engineering Robotics & AI, Power Engineering, Energy Systems Engineering, Comp. Mechanics, Mathematics, Avionics Engineering, Physics, Computer Science, Naval Architecture, Textile Engineering, Petroleum Engineering, Metallurgy, Engineering Management, Machine Engineering / Technology, Mining Engineering, Mathematics, Nuclear, Electrical, Physics, Chemistry, Automotive Engineering
» Electrical Engineering	MS/MPhil/Relevant Disciplines in, Electrical Engineering, Electronics Engineering, Telecom Engineering, Power Engineering, Computer Engineering,, Robotics & Artificial Intelligence, Physics, Energy Systems Engineering, Biomedical Engineering, Industrial Engineering, Automotive Engineering, Textile Engineering, Computational Mechanics, Mechatronics Engineering, Aerospace Engineering, Avionics Engineering, Systems Engineering, Computer Science, Computer Software Engineering, Manufacturing Engineering, Renewable Energy Systems, Nuclear Power Engineering, Mathematics, Cyber Security, Networking, Information Technology, Software Engineering, Information Security
» Physics	MS/MPhil (18 years of education) in, Physics/Electronics, Mathematics, Engineering
» Chemistry	Masters/MPhil/ Equivalent degree in Chemistry, Chemical Engineering, Materials Engineering
» Psychology	Masters/MPhil/ Equivalent degree in Psychology
» Economics	Masters/MPhil/ Equivalent degree in Economics
» Information Security	MS/MPhil/Relevant Disciplines in Data Science, Artificial Intelligence, Information Security, Computer Science, Information Technology, Software Engineering, Electrical Engineering, Telecom Engineering, Computer Engineering, Avionics
» Software Engineering	MS/MPhil/Relevant Disciplines in Software Engineering, Computer Engineering, Telecom Engineering, Electrical Engineering, Computer Science, Information Technology, Avionics, Mathematics
» Manufacturing Engineering & Management	MS/MPhil/Equivalent in Engineering disciplines.
» Computational Science & Engineering	MS/MPhil/Relevant Disciplines in Engineering, Natural Sciences, Computer Science, Geology, Biosciences, Electronics, Pharmacy, Aerospace Engineering,, Biochemistry, Biomedical Engineering, Biomedical Sciences, Chemical Engineering, Chemistry, Computational Engineering, Computational Physics, Computational Science, Computer Engineering, Electrical Engineering, Environmental Engineering, Information Technology, Materials Engineering, Mathematics, Mechanical Engineering, Mechatronics Engineering, Modeling & Simulation, Nuclear Engineering, Physics, Software Engineering, Statistics, System Engineering, or any relevant field.
» Information Technology	MS/MPhil/Relevant Disciplines in Data Science, Artificial Intelligence, Computer Science, Software Engineering, Computer Engineering, Telecom Engineering, Electrical Engineering, Information Technology.



» Computer Science	MS/MPhil/Relevant Disciplines in Information Security, Data Science, Artificial Intelligence, Computer Science, Software Engineering, Information Technology
» Transportation Engineering	MS/ MPhil/ Equivalent in Civil Engineering, Transportation Engineering, Geotechnical Engineering, Structural Engineering
» Construction Engineering & Management	MS/MPhil/Relevant Disciplines in Construction Engineering & Management, Engineering Management, Project Management, Civil Engineering, Architecture Engineering, Environmental Engineering, Geographical Information Systems (GIS)
» Urban & Regional Planning	MS/MPhil/Relevant Disciplines in City & Regional Planning, Urban & Regional Planning, Architecture
» Environmental Science	MS/MPhil/Relevant Disciplines in Environmental Sciences, Biological Sciences, Medical Sciences, Agricultural Sciences, Urban and Regional Planning
» Environmental Engineering	Masters/MPhil/ Relevant Disciplines in Environmental Engineering, Civil Engineering, Chemical Engineering, Agricultural Engineering, Water Resources Engineering & Management, Remote Sensing & GIS, Nanoscience and Engineering
» Geotechnical Engineering	MS/MPhil/Equivalent in the Geotechnical Engineering, Geological Engineering, Civil Engineering, Transportation Engineering, Tunneling Engineering, Mining Engineering, Earth sciences, Geology
» Structural Engineering	MS/MPhil/Relevant Disciplines in Civil Engineering, Geotechnical Engineering, Transportation Engineering, Structural Engineering, Arch Engineering, Building Engineering, Material Engineering (Civil)
» Water Resources and Hydropower Engineering	MS/MPhil/Relevant Disciplines in Water Resources Engineering & Management, Water Resources Engineering, Civil Engineering, Agricultural Engineering, Environmental Engineering, Remote Sensing & GIS (having BS in Civil or Agricultural Engineering), Meteorology (having BS in Civil or Agricultural Engineering)
» Remote Sensing & GIS	MS/MPhil/Relevant Disciplines in Remote Sensing & GIS, Space Sciences, Geodesy, Cartography, Geospatial technologies, Digital Earth, Geoinformation, Geomatics / Geoinformatics Engineering
» Applied Biosciences	MS/MPhil/Relevant Disciplines in Biosciences, DVM, Agrisciences, Bioinformatics, Biochemistry, Pharmacy, Chemistry, Chemical Biology, Biotechnology, MBBS, Bio Engineering, Zoology (Animal Sciences), Botany (Plant Sciences), Medical Lab Technologies, Biomedical Sciences, Agribusiness, BDS, Public Health, Animal Nutrition, Poultry Sciences
» Computer Engineering	MS/MPhil/Relevant Disciplines in Computer Engineering, Electrical Engineering, Mechatronics Engineering, Telecom Engineering, Biomedical Engineering, Electronics Engineering, Applied Mathematics, Textile Engineering, Computational Mechanics, Mechatronics Engineering, Mathematics, Industrial Engineering, Physics, Automotive Engineering, Aerospace Engineering, Avionics Engineering, Systems Engineering, Computer Science, Computer Software Engineering, Manufacturing Engineering, Renewable Energy Systems
» Mechatronics Engineering	MS/MPhil/Relevant Disciplines in Mechatronics Engineering, Electrical Engineering, Mechanical Engineering, Robotics Engineering, Manufacturing Engineering, Industrial Engineering, Automotive Engineering, Aerospace Engineering, Avionics Engineering, Systems Engineering, Telecom Engineering, Computer Software Engineering, Electronics, Biomedical Engineering, Electronics Engineering, Agriculture Engineering, Textile Engineering, Control Engineering, System Engineering, Material Engineering, Computational Science & Engineering, Software Engineering, Computer Engineering, Electrical Engineering (Power), Energy System Engineering, Computer Engineering, System Control Engineering, Computer Science, Physics
» Engineering Management	MS/MPhil/Relevant Disciplines in Construction Management, Environmental Engineering Management, Energy Management, Supply Chain Management, Industrial Engineering, Maintenance Management, Manufacturing Engineering, Manufacturing Management, Systems Engineering, Innovation Management, Technology Management, Project Management

» Mathematics	MS/MPhil/Relevant Disciplines in Mathematics, Physics, Computer Science, Computational Science and Engineering, Electronics, Statistics with BS in Mathematics, Electrical Engineering, Mechanical Engineering, Mechatronics Engineering, Computer Engineering, Software Engineering, Aerospace Engineering, Avionics Engineering
» Business Administration	MS/MPhil/Relevant Disciplines in Business Administration, Management Sciences, Financial Economics, Computer Sciences, Engineering Management, Industrial Engineering.
» Materials & Surface Engineering	MS/MPhil in Materials and Surface Engineering
» Chemical Engineering	MS/MPhil in Chemical Engineering, Polymer Engineering, Environmental Engineering, Petroleum Engineering, Materials Engineering, Mechanical Engineering, Chemistry, Computational Sciences and Engineering, Energy Systems Engineering
» Nanoscience & Engineering	MS/MPhil in Materials Science and Engineering, Chemistry, Physics, Chemical Engineering, Biosciences, Computational Science & Engineering, Mechanical Engineering,
» Peace & Conflict Studies	MS/MPhil/Relevant Disciplines in Peace and Conflict Studies, Political Science, International Relations, Public Policy, Strategic Studies
» Design & Manufacturing Engineering	MS/MPhil/Relevant Disciplines in Mechanical Engineering, Manufacturing Engineering, Design Engineering, Industrial Engineering, Mechatronics Engineering, Agriculture Engineering, Software/Computer Engineering, Controls Engineering, Industrial & Manufacturing Engineering, Automotive Engineering, Aerospace Engineering, Telecom Engineering, Biomedical Engineering
» Robotics and Artificial Intelligence Engineering	MS/MPhil/Relevant Disciplines in Robotics and Intelligent Machine Engineering, Mechatronics Engineering, Electrical Engineering, Mechanical or Computer Engineering, Software Engineering, Controls Engineering, Manufacturing Engineering, Industrial Engineering, Automotive Engineering, Aerospace Engineering, Telecom Engineering, Biomedical Engineering, Agriculture Engineering, Computer Science
» Biomedical Engineering	MS/MPhil/Relevant Disciplines in Biomedical Engineering, Electrical Engineering, Mechanical Engineering, Mechatronics Engineering, Computer Engineering, Materials Engineering, Software Engineering, Computational Sciences & Engineering, Computer Science
» Biomedical Sciences	MS/MPhil/Relevant Disciplines in Biomedical Sciences, Molecular Biology, Biochemistry, Biotechnology, Applied Biosciences, Computer Science, Genetics, Rehabilitation Sciences, Orthotics & Prosthetics, Dental Sciences, Physiotherapy, Public Health
» Energy Systems Engineering	MS/MPhil/Relevant Disciplines in Chemistry, Physics, Electronics, Environmental/ Energy Science, Computational Science and Engineering, Agriculture Sciences, Applied Biosciences, Economics and policy
» Aerospace Engineering	MS/MPhil in Aerospace Engineering, Mechanical Engineering, Civil Engineering, Materials Engineering, Electrical Engineering, Avionics Engineering
» Avionics Engineering	BE/MS/MPhil/Relevant Disciplines in Avionics Engineering, Electrical Engineering, Electronics Engineering, Computer Engineering, Software Engineering, Aerospace Engineering, Computer Science, Computational Science, Telecom Engineering, Systems Engineering, Mechatronics Engineering, Robotics Engineering, Systems Engineering
» Thermal Energy Engineering	MS/MPhil/Relevant Disciplines in Physics, Chemistry, Environmental/Energy Science, Computational Science and Engineering, Economics and Policy
» Electrical Engineering (Power)	MS/MPhil/Relevant Disciplines in Computer Sciences, Information Technology, Artificial Intelligence, Machine Learning, Economics and Policy
» Mining Engineering	MS/MPhil/Relevant Disciplines in Geotechnical Engineering, Mining Engineering, Geological Engineering, GIS/Remote Sensing, Civil Engineering, Geology/Management Field



» Civil Engineering	MS/MPhil in Civil Engineering, Environmental Engineering, Architecture, City and Regional Planning, Mining Engineering, Geological Engineering
» Artificial Intelligence	MS/MPhil/Relevant Disciplines in Data Science, Artificial Intelligence, Computer Science, Engineering
» Statistics	MS/MPhil/Relevant Disciplines in Statistics, Mathematics, Data Science, Economics
» Applied Mathematics	MS/MPhil/Relevant Disciplines in Applied Mathematics, Mathematics, Physics, Computer Science, Data Science, Material Science, Electrical, Mechanical, Mechatronics, Computer, Manufacturing, Aerospace, Avionics, Electronics, Software
» Climate Change and Sustainable Development	MS / MPhil in Engineering, Natural Sciences, Business, Health Sciences, Life Sciences, Economics, Development Studies, Law, Sociology, Sustainable Development, Information Science, Business Studies, Environmental Studies, Geography, or other relevant disciplines
» Bioinformatics	MS / MPhil in Bioinformatics, Biological Sciences, Computer Sciences, Physical, Sciences, Biotechnology, Pharmacy, or equivalent and other relevant disciplines

# INTERNATIONAL STUDENTS

## Undergraduate Programmes

National University of Sciences and Technology (NUST) has some ACT specific seats in undergraduate programmes for international candidates.

NUST encourage and facilitate both foreign as well as Pakistani origin dual nationality holder students, to seek admission in NUST.

NUST has some ACT/SAT based specific seats in undergraduate programmes for international candidates.

## General Eligibility Criteria:-

- » The following categories can only apply for international seats:
  - » Foreigners and Pakistanis having dual nationality, irrespective of the place of their study of HSSC or equivalent, Pakistan or abroad.
  - » Pakistani students studied abroad for HSSC or equivalent but appearing in the Pakistani board from abroad.
  - » Pakistani national students having passed an examination, equivalent to intermediate level of Pakistan, from a foreign education system.
- » Desirous candidates can avail the facility accordingly, provided they meet the specified eligibility criteria and are willing to pay tuition fee and allied charges of the category.
- » Separate application form will be used for applying on ACT basis, available on NUST website.
- » The applicant must have passed Higher Secondary School Certificate (HSSC) or equivalent qualification like Cambridge Overseas Higher School Certificate, British General Certificate of Education (Advanced Level), American High School Graduation Diploma (9-12th Grade) or any other equivalent qualification in relevant category showing twelve years of school education with minimum 60% marks, which is mandatory requirement.
- » In case of any foreign qualification, candidates have to obtain equivalence certificates from IBCC, Pakistan with required subjects and minimum 60% marks, which is a mandatory requirement.
- » Valid TOEFL or IELTS with score of 500 or 5.5. (not applicable for those students whose medium of instruction is English at HSSC level).
- » All Bachelor programmes at NUST are taught in English.
- » No ACT based international seats available in Avionics & Aerospace Engineering programmes.
- » The candidate should also possess adequate mental and

## Academic Requirements

Programmes	Pakistani System of Studies	O / A Level and other Foreign System of Studies
» Engineering	SSC with Science group AND HSSC Pre-Engineering group OR HSSC Computer Science group @ OR HSSC Pre-Medical with additional Maths	O level equivalence of Science group AND A level equivalence of Pre-Engineering group including Mathematics, Physics and Chemistry OR A level equivalence of Computer Science group @ including Mathematics, Physics, Computer Science
» BS Computer Science	SSC with Science group	O level equivalence of Science group
» BS Bioinformatics	AND	AND
» BS Data Science	HSSC Pre-Engineering group	A level equivalence of Pre-Engineering group including Mathematics, Physics and Chemistry
» BS Artificial Intelligence	OR HSSC Computer Science group OR HSSC Pre-Medical group # OR HSSC including Mathematics, Statistics and Computer Science	OR A level equivalence of Computer Science group including Mathematics, Physics and Computer Science OR A level equivalence including Mathematics, Statistics and Computer Science OR A level equivalence of Pre-Medical group # including Biology, Physics and Chemistry
» BS Biotechnology	SSC with Science group	O level equivalence of Science group
» BS Environmental Science	AND	AND
» BS Agriculture	HSSC Pre-Medical group	A level equivalence of Pre-Medical group including Biology, Physics and Chemistry
» BS Food Science and Technology	SSC with Science group AND HSSC Pre-Engineering group OR HSSC Pre-Medical group	O level equivalence of Science group AND A level equivalence of Pre-Engineering group including Mathematics, Physics and Chemistry OR A level equivalence of Pre-Medical group including Biology, Physics and Chemistry

» BBA, BS Economics, BS Mass Communication, BS Public Administration, BS Psychology, BS Tourism and Hospitality Management	SSC AND HSSC with any combination	O level equivalence AND A level equivalence with any combination
» BS English (Language & Literature)		
» LLB	SSC AND HSSC with any combination Valid HEC Law Admission Test (LAT) score with minimum 50% marks	O level equivalence AND A level equivalence with any combination Valid HEC Law Admission Test (LAT) score with minimum 50% marks
» BS Accounting and Finance	SSC AND HSSC with Mathematics or Accounting and Finance or Accountancy as one of the mandatory subject	O level equivalence AND A level equivalence with Mathematics or Accounting and Finance or Accountancy as one of the mandatory subject
» BS Mathematics	SSC AND HSSC with Mathematics as one of the mandatory subject	O level equivalence AND A level equivalence with Mathematics as one of the mandatory subject
» BS Physics	SSC AND HSSC with Mathematics and Physics as two of the mandatory subjects	O level equivalence AND A level equivalence with Mathematics and Physics as two of the mandatory subjects
» BS Chemistry	SSC AND HSSC with Chemistry as one of the mandatory subject along with Mathematics or Physics	O level equivalence AND A level equivalence with Chemistry as one of the mandatory subject along with Mathematics or Physics
» B. Architecture, » B. Industrial Design	SSC with Mathematics and Physics as two of the mandatory subjects AND HSSC with Mathematics and Physics as two of the mandatory subjects	O level equivalence with Mathematics and Physics as two of the mandatory subjects AND A level equivalence with Mathematics and Physics as two of the mandatory subjects

- » @ Candidates of HSSC Computer Science group / equivalent qualification with the combination of Mathematics, Physics and Computer Science are eligible to apply for all Engineering programs with a condition to clear Chemistry as a remedial subject / course in the 1st semester after admission.
- » # Candidates of HSSC Pre-Medical group / equivalent qualification enrolled in Computing Programs without taking additional math exam have to clear deficient Mathematics courses of 6 credit hours, within one year.

Programmes	ACT / SAT Scores Required
» Engineering	ACT Composite Score (Minimum score to apply – 25)
» Computing Programs	
» BS Biotechnology / BS Food Science and Technology	
» BS Environmental Science	
» B Architecture & Industrial Design	
» Natural Sciences (Maths / Physics / Chemistry)	ACT STEM Score (Minimum score to apply – 25)
» Business Studies & Social Sciences / LLB	SAT Test (SAT – I) (Minimum score to apply in each subject – 550) OR ACT Score of Maths, English and Reading (Minimum score to apply in each subject – 25)



- physical health to continue his/her course of studies.
- » ACT / SAT Scores are valid for two years only.

## ACT / SAT Requirements

SAT Scores should reach directly to NUST by 25 July 2025.

NUST institutional code to receive SAT Score is 2790.

ACT Score should reach directly to NUST by 25 July 2025. NUST institutional code to receive ACT Score is 2915.

it is the responsibility of the candidates to enter their ACT/SAT scores in online application form by due date.

### For correspondence:

Undergraduate Section, Registrar Directorate,  
National University of Sciences and Technology (NUST),  
Main Office, Sector H-12, Islamabad, Pakistan.

Email : [actadmissions@nust.edu.pk](mailto:actadmissions@nust.edu.pk)

## Provisional Admission

On fulfillment of the requirements mentioned, a candidate will be admitted to the University as per policy in vogue. This admission shall, however, be provisional until all the original degrees or certificates submitted by him / her have been checked and verified. In case any document proves to be false, fake, or fabricated at a later stage, a provisionally admitted student shall be liable to expulsion from the University at any stage or to any other disciplinary or legal action the University may deem necessary.

On receipt of university admission / acceptance letter, foreign nationality holders will approach the Pakistani mission abroad for the visa and submit the following documents:-

- » Application Form (Student Visa Form)
- » Photocopy of passport
- » No Objection Certificate (NOC) issued by the home country for studying in Pakistan.
- » Photograph
- » Educational Documents
- » Admission letter of university

For more details, please visit the under mentioned link of Higher Education Commission (HEC), Pakistan: <https://www.hec.gov.pk/english/services/students/SFS/Pages/Intro.aspx>

### Merit List

Merit list of international students is prepared separately.

### Final Approval

Cases of the international students, finally selected for admission, will be referred to Higher Education Commission and relevant Government department(s) for final approval as per policy in vogue.

### Accommodation

Hostel accommodation to international students is guaranteed.

## Postgraduate Programmes

International students, Pakistanis holding foreign nationality and Pakistanis living abroad can apply for postgraduate programmes. They have to compete with the local students for admission on merit.

### Eligibility Criteria

Eligibility criteria is the same as for national students.

International Students are only eligible for programme at Main Campus H-12, Islamabad.

### GRE Score

International applicants are required to appear for GRE conducted by ETS, USA. Last date for scores of GRE to reach NUST is March, 2025.

Minimum Score is mentioned below:

Quantitative	151/170
Verbal	146/170
Analytical Writing	3.5/6.0

- » Degree must be in relevant discipline

The candidates are responsible for providing GRE score directly to NUST on the following address:

**MS Section, Registrar Directorate,  
National University of Sciences and Technology  
Main Office, Sector H-12, Islamabad, Pakistan**

### Processing

- » Cases of international students selected for admission will be processed through HEC/relevant government departments.





# FEE & FUNDING



## Undergraduate Programmes

### Fee Structure

Admission Dues		PKR
Admission Processing Fee (Non-refundable)		35,000
Security Deposit (Refundable)		10,000
Tuition Fee		
Engineering & Computing Programmes (Per semester)		171,350
Miscellaneous dues (Per semester)		2,700
Business Studies / Social Sciences (per semester)		250,380
HBS Liscencing fees (Per Annum) (BBA, BS Accounting & Finance, BS Tourism & Hospitality Mnagaement )		12,000
Bachelors in Architecture & Industrial Design (per semester)		250,380
Applied Sciences (per semester)		171,350
BS Mathematics / BS Physics / BS Chemistry		171,350
BS English (per semester)		85,000
Summer/Repeat Course(Per Course)		8,000
Bar Council Registration Fee (for law students)		3,000

#### Payment of Dues

- » At the time of admission students have to pay the admission processing fee, security and full semester fee in advance. Dues have to be paid on semester basis.
- » Invoice/Challan for admission charges along with first semester fee and Provisional Selection Letter will be available on NUST website.
- » Tuition fee will be payable on semester basis. Students have to pay their fee in advance before the commencement of semester .

**Note:** All fees are subject to revision.

#### Merit-based Financial Assistance

A fixed amount is allocated for financial assistance, and will be provided to top 3 position holders of each section of a batch / class as per policy in vogue. Qualifying GPA is 3.5 or above in a semester

#### Need-based Scholarship/Fee Waiver

NUST has launched a need-based scholarship scheme to enable financially under-privileged but talented students to acquire higher education. Salient features of the scheme are:

- » Scholarships will be awarded to needy students of the new batch every year.
- » The scholarships will be for full duration on-campus of the programme in which the student is enrolled.
- » Awardees are given half/full tuition fee waiver. All financial challenged candidates are required to apply for NUST Need Based Scholarship by filling NUST financial aid application form (NFAAF) along with online admission application form.
- » NUST offers need based financial assistance to students from financially challenged backgrounds through its flagship programme the NEED Initiative (NUST Endowment for Educational Development). Students have to fill the need based scholarship form at the time of applying for admission at NUST, and if selected on merit, will be offered financial assistance.
- » Guidelines on how to apply for the need based scholarship can be viewed at <https://nust.edu.pk/admissions/scholarships/need-based-financial-aid/>
- » Details about the NEED initiative programme, operational since 2015, can be viewed at <https://advancement.nust.edu.pk/#/> as well as <https://www.facebook.com/NEEDInitiative>

#### Deferred Payments

- » Financially under-privileged students, who cannot pay their fees and also do not qualify for merit-based scholarship are allowed deferred payment, on case-to case basis on completion of 1st semester of their studies, as per policy in vogue.

#### Other Opportunities for Financial Assistance

- » PEEF, CMEEF (KPK), FEF and certain philanthropic organizations provide scholarships to the Financially challenged students studying at NUST. Such students will be informed on "how to apply?" once they are selected.
- » Students may also apply on their own for other scholarships such as those offered by:
  - » HEC Ehsaas Scholarship
- » Further details are available on NUST web portal and with the respective institutions.

**Note:** The award of scholarship/financial assistance is subject to availability of funds, high performance and good conduct of the students.

#### Tuition Fee Refund Policy Applicable to both UG and PG Students

% age of Tuition Fee	Timeline for Semester/Trimester System
Full (100%) of Tuition Fee Refund	Apply upto 7th day of convening of classes
Half (50%) of Tuition Fee Refund	From 8th – 15th day of convening of classes
No Fee (0%) Refund	From 16th day of convening of classes

- » Admission Processing Fee is not refundable under any circumstances.
- » University will not accept any claim of security refund after 3 years of the completion of degree / withdrawn from university and the amount of security will be transferred to the NUST Endowment Fund.



## Fines/Penalties on Late Payments

Period	Penalty
After the 1st due date till 2nd due date	2% of the semester fee
After 2nd due date*	Registration shall be suspended. For re-activation of registration, student will be required to pay the Admission Processing Fee again along with all outstanding charges and fines.

\*In any case student will not be able to attend classes till clearance of dues.

## Postgraduate Programmes

### Masters

#### Admission Dues PKR

Admission Processing Fee (for all MS Programs)	10,000
Security Deposit (for all MS Programs)	10,000

#### Tuition Fee per Semester

Engineering / IT, Bio & Natural Sciences	111,960
MS Logistics & Supply Chain Management,	185,680
MS Innovation & Entrepreneurship, MS HRM,	
MS Marketing	
MBA	249,320
Engineering Management and	180,920
Construction Engineering & Management	
MS Programmes of S3H, SADA & CIPS	137,400

#### EMBA

» Tuition Fee per course	61,790
» Reading Material (Per Annum)	22,000
Miscellaneous dues (Per semester for all MS Programs)	2,700

**Harvard Business School Licensing Fee** will be charged to business students (MBA, MS HRM, EMBA, MS Logistics & Supply Chain Management and MS Innovation & Entrepreneurship) @ Rs 22, 000/year

### PhD

#### Admission Dues

Admission Processing Fee (Non refundable)	5,000
Security Deposit (Refundable)	10,000

#### Tuition Fee per Semester

Architecture, Social Sciences & Business Studies	137,400
All Other programs	111,960
Miscellaneous dues (Per semester)	2,700
Summer/ Repeat Course(Per Cr/hr)	8,000

#### Tuition fee can be exempted subject to certain conditions

**Note:** All fees are subject to revision.

MS Student will be charged full tuition fee for 4 regular semesters (2 academic years) and PhD Students will be charged full tuition fee for 3 academic years (6 regular semesters). After completion of standard degree duration if she/he continues study/

research work she/he will be charged Rs. 10,000/- per semester Bench fee (registration maintenance fee) till completion of degree requirements. Furthermore, beyond the stipulated period a student will also be required to pay the prescribed course fee for deficient / improvement courses (if any). Fee during Summer Semester will be credit hours based. If a student completes the MS degree requirements within 30 days from commencement of 4th semester, s/he has to pay fee for three regular semesters only (i.e., Fall, Spring & Fall).

Summer Semester fee will be charge @ PKR 8,000 Per credit hour.

#### Payment of Dues

- » At the time of admission students have to pay the admission processing fee, security and full semester fee in advance. Dues have to be paid on semester basis.
- » Invoice/Challan for admission charges along with first semester fee and Provisional Selection Letter will be available on NUST website.
- » Tuition fee will be payable on semester basis. Students have to pay their fee in advance before the commencement of semester.

#### Supervisor's Fee and Research Fund

- » Sponsored Students: As per scholarship/sponsorship award.
- » Non-Sponsored Students: To be paid by the University

## HEC and Other Sponsorships

HEC will bear the cost of its scholarship awardees, as per the scholarship award details. For other sponsored students, all charges as per the details provided above, will be borne by their sponsoring agency. Students will be responsible for timely deposit of dues by their sponsoring agency. Scholarship provisions for postgraduate studies for candidates from FATA and Balochistan are also available through HEC for which they may apply directly to HEC.

## Merit-based Scholarship/Tuition Fee Waiver

#### MS Programmes

- » Selected students are awarded monthly stipend of **Rs 18000/-** pm and tuition fee waiver.

#### PhD Programmes

- » NUST sponsored PhD students will be paid monthly stipend of **Rs 30,000/-** pm and tuition fee waiver in addition to supervisor remuneration.
- » There are numerous opportunities for additional academic

pursuits, e.g. students will be provided financial support for attending seminars, conferences and making presentations/publication of research papers within Pakistan and abroad.

- » During research phase of PhD studies at NUST, students can also get an opportunity for collaborative/joint research training programmes with other well-reputed foreign universities.
- » Full time PhD students can also be exempted from payment of tuition fee, if they are willing to do Teaching Assistant (TA)/Research Assistant (RA) duties and fulfilled other conditions.

## Bond for NUST Sponsored Students

- » NUST sponsored MS/PhD students will be required to complete the programme.
- » NUST sponsored MS/PhD Students will work as TA/RA, as and when required.
- » The students who fail or do not fulfil the undertaking, will have to reimburse the total amount spent on them (including Tuition Fee, Stipend, Supervisor's Fee and Research Expenditure, etc).

## Need-based Scholarship/Fee Waiver

The Financial Aid Program of NUST aims to enable students from across all strata of society, particularly those belonging to financially challenged family backgrounds thus reducing inequalities while creating educational equity. The need-driven program is one of the most robust and effective in the country providing financial aid in the form of need-based scholarships, loans, on-campus jobs, etc. In addition, students excelling in their respective degree programs also get merit-based scholarships. Financial aid is provided through a competitive selection process which comprises documentation, committee interviews, and physical ground checks. Maximum efforts are undertaken to ensure that the most financially challenged students are awarded financial aid on a sliding scale. Scholarships are awarded based on financial need and they cover a range of academic expenditures ranging from partial tuition fees to full tuition fees and more.

## Other Opportunities for Financial Assistance

Government and other philanthropic organizations or individuals provide scholarships to financially challenged students studying at NUST. Students are informed of these opportunities through the NUST portal (URL: <https://nust.edu.pk/admissions/scholarships/>) and respective institutions. Additionally, opportunities in the form of interest-free loans are available, such as the Ihsaan Trust Loan, covering 50% to 80% of the tuition fee. The loan is required to be repaid in flexible installments over an extended period.

## Endowment

Sr. #	Scholarship Name	
1	SAFE	23 SWF - NTF Scholarship Endowment Fund
2	Technology Incubation (TIC) Center Endowment Fund	24 NEED Batchmark Endowment Fund
3	Asghar Butt Endowment Fund	25 Salman & Saleha Butt Endowment Fund
4	Nisar Aziz Butt Endowment Fund	26 Netsol Technologies Endowment Fund
5	Haidri Beverage (Pepsi) Scholarship Fund	27 Bestway Scholarship Endowment Fund
6	SignalianZ Endowment Fund	28 Fahmeeda and Atique Foundation Endowment
7	EMEAA Scholarship Endowment Fund	29 United Bank Limited Endowment Fund
8	Atlas-NUST Scholarship Endowment Fund (Zakir Sherazi and Nurai)	30 Habib Bank Limited Endowment Fund
9	Siddique Shafi Trust Endowment Fund	31 NUST - MOL Pakistan Scholarship Endowment Fund and Grant
10	Akhtar Hameed Khan Memorial Scholarship	32 DAAS Foundation Endowment Scholarship
11	Muhammad Umer Khan (Shaheed) Scholarship Fund	33 Lucky Cement Limited Endowment Fund
12	Italian Corporation/PPAF Endowment Fund	34 Dawlance Endowment Fund
13	Dr. Feroze Alam Endowment	35 Fatima Fertilizer Company Ltd Endowment Fund
14	SARA IBRAHIM NAGY ENDOWMENT FUND	36 Frontiers Corps (North) Balochistan Scholarship Endowment Fund
15	Premium Textile Endowment Fund	37 Jawaher Fund for The Advancement of Education Fund
16	Tufail Chemicals Scholarship Endowment	38 NUSTIAN USA Chapter Scholarship Endowment Fund
17	ABAD Scholarship	39 DG Rangers Sindh Endowment Fund
18	Creek Developers Scholarship Endowment	40 Engineer-in-Chief Endowment Fund
19	Hilton Pharma Endowment	41 QMG Scholarship Endowment Fund
20	Fauji Cement Company Limited	42 Mr. Zaim Khan Memorial Endowment Fund
21	EME School Level Endowment Fund	43 Kashir Asghar Memorial Endowment Fund
22	Gul-e-Zehra Scholarship Endowment Fund	44 Pursuer of Happiness Endowment Fund

45	Faysal Bank Limited Endowment Fund
46	Khalid & Shahid STEM Scholarship Endowment Fund
47	Walled City Endowment Fund
48	Viqar un Nisa Noon Foundation Endowment Fund
49	Master Khawaja Rafique Endowment Fund
50	AG Endowment Fund
51	NUSTian USA-Tehmoor Dar Endowment Fund
52	Asif and Bushra Godil Scholarship Endowment Fund
53	NUSTian USA-Atif Aziz Godal Endowment Fund
54	BARD Foundation (DESCON) Endowment Fund
55	SEECs Class of 2017 Endowment Fund
56	Hassan Foundation Endowment Fund
57	Shaista Iqbal Endowment Fund
58	Mr. Mohsin Shaikhani Endowment Fund
59	Mohammed Hassan Bakshi Scholarship Endowment Fund
60	PharmEvo Endowment Fund
61	Aziz Family Scholarship Endowment Fund
62	Netsol Technologies Endowment Fund
63	Bank Alfalah Endowment Fund
64	Rehmat Ghauri and Farooq Rehmat Ghauri
65	USPCAS-E Endowment Fund
66	Late Ghulam Sarwar Cheema Endowment Fund
67	NUSTian USA-Sana and Mukaram Tariq Endowment Fund
68	One Homes Endowment Fund
69	Nasim Zafar Scholarship Endowment Fund
70	AS Scholarship Endowment Fund
71	Muhammad Manzoor-ul-Hassan Rana and Feroza Sultana Rana Scholarship Endowment Fund
72	Interloop Endowment Fund
73	NUSTIAN USA - Fuaud Hassan Enowment Fund
74	Aliyan Khan Endowment Fund
75	Munawar and Shamim Khan Endowment Fund
76	TALAT & ASIF ALI ENDOWMENT FUND Fund
77	SALMA & HUSSAIN ALI SCHOLARSHIP PROGRAM Fund
78	Ahsan Rehman & Sundas Zahra Endowment Fund
79	Shirazi Endowment Fund
80	Rizwan Niazi & Moniba Rizwan Endowment Fund
81	Azeem Sarwar Endowment Fund
82	Ahsan Vaqar Hundal Endowment Fund
83	Muslim Hands Endowment Fund
84	Azeem Sarwar Endowment Fund
85	Ahsan Vaqar Hundal Endowment Fund
86	Muslim Hands Endowment Fund

## Annual Fund

Sr. #	Scholarship Name
1	Ahsan Khan Scholarship fund
2	Dr. Attiya Scholarship Fund
3	Brimpak Scholarship Fund
4	Diamond Paints Pakistan Scholarship
5	A Q Khan Scholarship Fund
6	Farooq I Ch. Scholarship Fund
7	Lakson NUST Scholarship Fund
8	LCI Scholarship Fund
9	Maj Gen Riaz Mahmud Scholarship Fund
10	Mari Petroleum Scholarship Fund
11	Mitsubishi Corporation Scholarship Fund
12	Tariq Qaisarani & Yahya Sethi Memorial Scholarship Fund
13	Dr. Muhammad Siddiq Khan Shibli (Late) Scholarship Fund
14	Najma Talat Scholarship Fund
15	NFK Exports Scholarship Fund
16	Orange Tree Foundation Scholarship Fund
17	PPL Higher Professional Education Scholarship Scheme
18	Soban Khaliq Scholarship Fund
19	STEM Support Scholarship Fund
20	Sultan Family Scholarship Fund
21	Tabinda Sadaf Scholarship Fund
22	Tanzeela Tariq Scholarship Fund
23	Tariq Aziz Foundation Scholarship fund
24	Abdullah Scholars
25	Akhtar Whala Scholarship Fund
26	Alvi Scholarship Fund
27	Bilquees & Rasheed Scholarship Fund
28	BoP - NUST National Talent Hunt Program
29	Chalisa Family Scholarship Fund
30	Dr. Asif Sayed Scholarship Fund
31	Dr. Mehmooda Said Scholarship Fund
32	General Javed Sultan Shaheed Scholarship Fund
33	Merali Scholarship Program
34	National Logistics Cell Scholarship Fund
35	NNBS-PEF Scholarship Fund
36	Qasim Shahbaz Scholarship Fund
37	Quaid E Azam Education Foundation Fund
38	SEECs Class of 2017 Scholarship Fund
39	Shahbaz Scholarship Fund
40	Shaheed Aitzaz Hassan Scholarship Fund
41	Shujabad Agro Industries Scholarship Fund
42	UCH Power Scholarship Fund
43	VRH Foundation Scholarship Fund
44	Wings IT Scholarship Fund



# INTERNATIONAL STUDENTS

## Undergraduate Programmes

### Finances (UG Programmes)

Students selected through this process will be required to pay their fees and other charges in USD.

#### Fee Structure

**Engineering and Computing Programmes Business Studies/  
Social Sciences, Architecture / Industrial Design / BS  
Biotechnology (Biotechnology) and Natural Sciences (Math,  
Physics & Chemistry)**

	USD
Admission Processing Fee (Non-refundable)	600
Tuition Fee (Per Annum)	5400
Security Deposit (Refundable)	250
Health Facilities (per annum)	120
Grade Improvement Fee for Fall / Spring (Per CH)	40
Course Registration Fee for Summer Semester (Per CH)	40
HBS Licensing Fee (Per Annum)	40

- » Tuition fee for the first academic year (two semesters) will be deposited (as per selection letter).
- » Tuition fee will be payable on annual basis. Students have to pay their fee in advance before the commencement of the academic year, otherwise they will not be eligible to sit in the class.
- » **All fees are subject to revision from time to time.**

## Postgraduate Programmes

### Finances (PG Programmes)

International students selected through this process will be required to pay the applicable charges in USD. Please note that admission is granted only to those candidates who come up to the required position on the merit list meant for open merit.

#### Strategic Thrusts at NUST

- » Excellence in teaching and education
- » Focus on research
- » Spirit of enterprise
- » Internationalisation & global vision
- » Discernible social impact.

#### Monthly Accommodation Charges (H-12 Campus)

##### Single Students

» Single occupancy (with attached bath)	USD 75
» Double occupancy (with attached bath)	USD 65
» Double occupancy (with community bath)	USD 55
» Triple occupancy with community bath	USD 45

##### Married Students

» One bedroom apartment	USD 120
» Two bedroom apartment	USD 170

##### Note

- » Security Fee of USD 117/- (Refundable) will be charged at the time of allotment.
- » Hostel includes accommodation charges only.

Accommodation information in NUST Colleges can be found in their respective sections of the prospectus.



## Fee Structure: Postgraduate Programmes

The fee structure of the programmes of study is as under:

	MS/MBA/EMBA					PhD
	Business Studies					
	Engineering/IT, Social Sciences (Eco), Natural & Bio Sciences programmes	MS HRM, MS Logistics & Supply Chain Management, MS Innovation & Entrepreneurship, MS Marketing	MBA	EMBA	Engineering Management & Construction Engineering Management	All programmes
Admission Processing Fee (non-refundable)	45	45	45	45	45	24
Security Deposit (refundable)	45	45	45	45	45	45
Tuition Fee (per annum)	3,050	4,500	4,750	580 (per course)	4,750	3,050
Reading Material	-	104	104	104	-	-
Grade Improvement Fee for Fall / Spring (Per CH)	40	40	40	580 (per course)	40	40
Fee for Summer Semester (Per CH)	40	40	40	40	40	40
Make-up Fee for Missed OHT/MSE/ ESE (per course)	40	40	40	40	40	40
*Bench Fee (w.e.f Fall 2021 entry)	50	50	50	50	50	50

Miscellaneous charges will be charged @USD 34/year.

**\*Bench Fee** will be charged after completion of standard degree duration of respective program.

Harvard Business school licensing fee" will be charged to business students (MBA, MS HRM, EMBA, MS Logistics & Supply Chain Management, MS Innovation & Entrepreneurship and MS Marketing) @USD 104/year.

Following are the major organizational donors who are supporters of the programme through creation of permanent seats at NUST. There are numerous other donors supporting the programme through student adoption via annual fund and Zakat contributions. The detailed list of partners can be viewed at <https://advancement.nust.edu.pk/#/OurPartner>.

## Endowment

### Scholarship Names

- Student Advancement Fund Endowment (SAFE)
- Asghar Butt and Nisar Aziz Butt Endowment Fund
- Haidri Beverage (Pepsi) Scholarship Fund
- SignalianZ Endowment Fund
- EME Alumni Association Endowment Fund
- Atlas-NUST Scholarship Endowment Fund
- Siddique Shafi Trust Endowment Fund
- Akhtar Hameed Khan Memorial Scholarship
- Muhammad Umer Khan (Shaheed) Scholarship Fund
- Italian Corporation/PPAF Endowment Fund
- Dr Feroze Alam Endowment
- Sara Ibrahim Nagy endowment fund
- Premium Textile Endowment Fund
- Tufail Chemicals Scholarship Endowment
- ABAD Scholarship
- Creek Developers Scholarship Endowment
- Hilton Pharma Endowment
- Fauji Cement Company Limited
- Sona Welfare Endowment
- Naqi Rafi Trust Endowment
- NEED Batchmark Endowment Fund
- Salman Butt & Mrs Saleha Butt Endowment Fund
- Netsol Technologies Endowment Fund
- Bestway
- Mrs. Fahmeeda and Atiq Foundation
- United Bank Limited
- Habib Bank Limited
- MOL
- DAAS Foundation
- Lucky Cement
- Dawlance
- Fatima Fertilizer Company Ltd
- FC (North) Balochistan Scholarship Endowment Fund
- NAMA Sharjah Jawaher Fund for the Advancement of Women Education

- DG Rangers Sindh Endowment Fund
- Zaim Khan Scholarship Fund
- Kashir Asghar Endowment Fund
- Pursuers of Happiness Endowment Fund
- Faysal Bank
- Khalid & Shahid STEM Scholarship
- Walled City Co. Endowment Fund
- Viqar-un-Nisa Noon Foundation
- Master Khawaja Muhammad Rafique Endowment Fund
- Dr Tehmoor Dar & Saima Gillani Endowment Fund
- Asif & Bushra Godail Endowment Fund
- Atif Aziz Endowment Fund
- BARD Foundation
- SEECS Class of 2017 Endowment
- Hassan Foundation
- Shaista Iqbal Endowment Fund
- Mohsin Shaikhani
- USPCASE Endowment Fund
- Hassan Bakhshi
- PharmEvo
- Aziz Family Scholarship Endowment Fund
- Bank Alfalah
- HBL Foundation
- Rehmat Ghauri and Farooq Rehmat Ghauri
- Crown Group
- Giga Group
- Ijara Capital
- Late Col Ghulam Sarwar Cheema Fund
- Sana and Mukaram Tariq Endowment Fund
- NUSTIAN USA
- International Steel Ltd
- UCH Power (Pvt.) Ltd.
- Diamond Paints
- Orange Tree Foundation
- Tariq Qaisarani Scholarship
- Mari Petroleum
- Bata Scholarship Fund
- Bin Rasheed Group Scholarship
- Mitsubishi Corporation Scholarship
- Brigadier Muneeb Farooqi Scholarship Fund
- Maj Gen Riaz Mahmud Scholarship Fund
- Shujabad Agro Industries Scholarship
- Lakson NUST Scholarship
- V R Heroes Foundation Scholarship Fund
- Aaghaz Scholarship Fund
- NUSTian USA Annual Fund
- Ghulam Muhammad Foundation
- Bank Islami
- ICCN - Norway
- Systems International Ltd
- Citizen International Plastic Industries Pvt. Ltd.
- Flt Lt Imran Tariq Shaheed Scholarship
- Wg Comdr Nauman Akram Shaheed Scholarship
- NFK Exports Fund
- PPL Outreach Program for Capacity Building
- Askari Cement
- Sherazi Girls Hostel

## Annual Fund & Zakat

- Donor Names
- UWR - United We Reach
- Roha Scholarship
- Moustafa & Hamza Bilal Scholarship
- Soban Khaliq Scholarship
- Munsoor Sadiq Scholarship
- Punjab Education Foundation (PEF)-EDHI
- NAVTCC Scholarship
- Master Tiles & Ceramics Scholarship
- Askari Cement Scholarship
- Pak Elektron Limited (PEL)
- Help Aid Welfare Society Sialkot Scholarship
- Sarah Ansari Scholarship
- Sheros Ternotech scholarship
- NTF-DWP Scholarship Fund
- National Logistics Cell (NLC)
- Imperial Chemical Industries (ICI Impact Scholarship)
- Alkaram towel Scholarship
- BEE5A SEECS Scholarship
- UCH Power (Pvt.) Ltd. Scholarship
- SEECS Class of 2017 Scholarship
- RIMMS Fellowship
- Wings IT Solution Scholarship
- Soban Khaliq Scholarship
- General Javed Sultan Shaheed Scholarship Fund
- Bank of Punjab
- NUST Alumni Association Scholarships
- Asia Foundation



# NUST ENTRY TEST (COMPUTER BASED)

- » NUST Entry Test (computer based) will be held in multiple sessions.
- » Computer-based test is designed in accordance with the internationally practiced system of on-line examinations. It is easy to attempt with minimal practice. Instructions to attempt computer-based Entry test alongwith sample test module will be available on NUST website for guidance.
- » All kinds of data carriers and calculators, including mobile phone, Bluetooth, hands free devices, etc, are strictly prohibited inside the examination hall.

Mathematics SAMPLE USER9711 1 ENT NAME 9711

Question No : 6 of 200 (Attempted:34) Maximize \ Restore Photograph

Question

If  $y_1$  is solution of the differential equation, then formula for finding Second solution of  $y'' + P(x)y' + Q(x)y = 0$  is

Answer ( Please select your correct option )

☐  $y_2 = y_1 \int \frac{e^{-\int P(x) dx}}{y_1^2} dx$  2

☒  $y_2 = y_1 \int \frac{e^{-\int P(x) dx}}{y_1^2} dx$

☐  $y_2 = y_1 \int \frac{e^{\int P(x) dx}}{y_1^2} dx$

☐  $y_2 = y_1 \int \frac{P(x)}{y_1^2} dx$

Start Time: 12:56 PM

166 min Remaining

6

ALL  
Reviewable  
Attempted  
UnAttempted

3 Save 4 Next 7 Prev 5 Review 6 Next Section 7 Prev Section 5 First 5 Last 8 Help FEEDBACK

[Click here to FINISH Your Test](#)

# Instructions for Paper-based Entry Test of Engineering and Computer Science

The Entry Test will be held for applicants in the following subjects:

- a. **Mathematics**
- b. **Physics**
- c. **Chemistry/Computer Science**
- d. **English**
- e. **Intelligence**

These instructions deal with multiple choice answer sheets, which will be provided for examination. The answer sheets will have two parts, i.e., personal information and answers. A filled in answer sheet is printed on the next page for illustration and guidance. Answer sheets are marked through computer, therefore, it is important that the candidates read and understand these instructions thoroughly before taking the exam. Non-compliance will affect scoring adversely.

**PERSONAL INFORMATION** (See appropriate block in the specimen answer sheet). Exam superintendent will brief on filling in of this portion before start of the exam.

- » Clearly write your name in Capital Letters in the box titled **FULL NAME**. Fill corresponding circles. If the name is longer than the space provided, fill in as much as fits in the given space. (In the specimen answer sheet, **Ali Nawaz** is the name of a candidate).
- » Write your Roll No in the box titled **ROLL No**. (In the specimen answer sheet, the Roll No of the candidate is **16245016**).
- » In the SUBJECT column, use “**111**” as subject code for Engineering and “**222**” Computer Science.
- » In the SEQ CODE column, write NET Code written inside the question booklet. (SEQ Code 01 is marked in the specimen answer sheet).
- » In the **CITY/CENTRE** column, use the following codes and fill in the corresponding circles. (In the specimen sheet, **IS** is marked for Islamabad). **KI**: Karachi **QA**: Quetta **IS**: Islamabad
- » Put your date of birth in the column Date of Birth. 11-04-85 is marked as the Date of Birth on the specimen sheet.
- » In the **SEX** column, fill **M** for male candidates and **F** for female candidates and **O** for other candidates. (In the example a male candidate is marked).

## MARKING OF ANSWER SHEET

In the specimen answer sheet, first 6 questions have been attempted. See the specimen sheet and the following instructions:

- » Mark your choice with **2B lead pencil** by filling in the appropriate circle completely, making it a dark black circle as shown below.
- » Some examples of improper marking are shown below:

(The computer will mark improperly filled circle as wrong answer)

- » Do not mark more than a single circle for an answer choice. Multiple answers for a single question will be regarded as an unanswered question.
- » If you need to erase an answer, do so clearly/cleanly, using a good quality eraser.
- » Do not bend/fold your answer sheet, make stray marks or mark any area outside the provided circles.

## MISCELLANEOUS

- » **Answer sheet is to be signed both by the invigilator as well as by the candidate, in respective blocks, with ballpoint pen only.**
- » **PLEASE DON'T FORGET TO BRING A CLIPBOARD ALONG.**
- » **USE 2B lead pencil only. DO NOT USE ink pens, ballpoint pens or felt-tip pens on the answer sheet.**
- » You are allowed to bring along clipboard, pencils, eraser and sharpener only.
- » Use your time effectively. Do not spend too much time on one question, otherwise you will run short of time for other questions.
- » Write your **Roll No** on the front page of the **QUESTION BOOKLET** and the back side of the answer sheet in the given blocks. Do not write elsewhere.
- » **Return the complete questions booklet along with the answer sheet** on completion of the test.
- » You are not allowed to take away any part of the question booklet or note questions elsewhere. Non-compliance will be regarded as use of unfair mean.
- » You are **NOT ALLOWED** to use any device which could assist in calculation such as a **calculator, tables, digital watch, mobile phone, electronic diary, Palm Pilot, etc.**
- » **There is no negative marking.**



Answer Sheet No. 505316

## National University of Sciences &amp; Technology

SEX ☒ M ☐ FSEQ          SUBJECT CODE          Date of Birth  
Day            
Month            
Year          ROLL NO  
         CITY CENTRE  FULL NAME          

SECTION 1

1	<input checked="" type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	17	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	33	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	49	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	65	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
2	<input type="radio"/> A	<input checked="" type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	18	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	34	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	50	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	66	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
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4	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input checked="" type="radio"/> D	20	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	36	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	52	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	68	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
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SECTION 2

81	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	93	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	105	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	117	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	129	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
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SECTION 3

141	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	147	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	153	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	159	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	165	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
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145	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	151	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	157	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	163	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	169	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
146	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	152	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	158	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	164	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	170	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D

SECTION 4

171	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	175	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	179	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	183	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	187	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
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173	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	177	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	181	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	185	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	189	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
174	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	178	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	182	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	186	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	190	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
191	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	193	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	195	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	197	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	199	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
192	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	194	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	196	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	198	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	200	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D

SECTION 5

172	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	176	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	180	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	184	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	188	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
173	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	177	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	181	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	185	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	189	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
174	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	178	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	182	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	186	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	190	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D
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